

Advanced Search: INSPEC - 1969 to date (INZZ)



Search history:

No.	Database	Search term	Info added since	Results	
1		(null OR fake OR false OR dummy OR empty OR invisible) AND packet	unrestricted	284	show titles
2		(null OR fake OR false OR dummy OR empty OR invisible) NEAR packet	unrestricted	27	show titles
3	INZZ	extension NEAR header	unrestricted	26	show titles

hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips		_
Control of the contro	whole document	Ī
Information added since: or: r	none 💆	search

Select special search terms from the following list(s):

- Classification codes A: Physics, 0-1
- Classification codes A: Physics, 2-3
- Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5
- Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control
- Classification codes D: Information Technology
- Classification codes E: Manufacturing & Production
- Treatment codes
- INSPEC sub-file
- Publication types
- Language of publication

Top - News & FAQS - Dialog

© 2005 Dialog



Titles

To view one or many selected titles scroll down the list and click the corresponding boxes. Then click display at the bottom of of the page. To view one particular document click the link above the title to display immediately.



£	
packe	nents 1 to 20 of 27 from your search "(null OR fake OR false OR dummy OR empty OR invisible) NEAI et" in all the available information: er of titles selected from other pages: 0
	Select All
□ 1	display full document
	2004. (INZZ) A selective CSMA protocol with cooperative nulling for ad hoc networks with smart antennas.
□ 2	display full document
	2004. (INZZ) An interleaved hop-by-hop authentication scheme for filtering of injected false data in sensor networks.
□ 3	display full document
	2004. (INZZ) Micro-time-scale network measurements and harmonic effects.
□ 4	display full document
	2003. (INZZ) Design and implementation of transport stream remultiplexer with cascade architecture.
□ 5	display full document
	2002. (INZZ) Fairness studies of the p/sub i/-persistent protocol in unidirectional bus networks.
□ 6	display full document
	2002. (INZZ) Two simple implementation algorithms of WFQ and their performance analysis.
□ 7	display full document
	2001. (INZZ) Photon acceleration based on plasma.
□ 8	display full document
	2001. (INZZ) An optimal power saving scheme for mobile handsets.
□ 9	display full document
	1999. (INZZ) A stochastic reward net model for performance analysis of prioritized DQDB MAN.
	display full document
	1997. (INZZ) Critical phenomena of collapsing massless scalar wave packets.
□ 11	display full document
	1995. (INZZ) Effects of speedup factor and input buffer control policy on the waiting time in packet switch.
□ 12	2 <u>display full document</u>
	1995. (INZZ) Effect of number of packets sent simultaneously to the same output and input buffer.
□ 13	3 <u>display full document</u>
	1995. (INZZ) Model basis states for photons and "empty waves".
□ 14	display full document
	1995. (INZZ) Effect of number of packets sent simultaneously to the same output and input buffer control policy on the waiting time in a packet switch.
□ 15	display full document
	1994. (INZZ) Analysis of a finite shared buffer.
□ 16	display full document
	1992. (INZZ) A CCD delay line to determine low concentrations of bulk traps in silicon.

☐ 17 display full document

1992. (INZZ) The effect of the frequency offset on the probability of miss in a **packet** modem using CFAR detection method (satellite communication).

☐ 18 display full document

1990. (INZZ) Some policies for circuit allocation and their **packet** capacity in hybrid switching systems like FDDI-II.

19 display full document

1989. (INZZ) Performance analysis of multiple-packet messages in uni-directional bus networks.

20 display full document

1988. (INZZ) The p/sub i/-persistent protocol for unidirectional broadcast bus networks.

Selection	Display Format	Output Format	ERA SM Electronic Redistribution & Archiving	Action
from this page from all pages	 Full Free Short Medium Custom Help with Formats 	HTMLTagged (for tables)PDFRTF	Copies you will redistribute: Employees who will access archived record(s): Help with ERA	display save
S	ort your entire s	search resul	t by Publication year Ascending	arder sort



Top - News & FAQS - Dialog

© 2005 Dialog



Titles

To view one or many selected titles scroll down the list and click the corresponding boxes. Then click display at the bottom of of the page. To view one particular document click the link above the title to display immediately.

———	may infiliculately.
next	titles
	uments 1 to 20 of 26 from your search "extension NEAR header" in all the available information: nber of titles selected from other pages: 0
	Select All
	1 <u>display full document</u>
	2004. (INZZ) The development and deployment of IPv6.
	2 <u>display full document</u>
	2004. (INZZ) A framework for end-to-end QoS context transfer in mobile IPv6.
G :	3 <u>display full document</u>
	2004. (INZZ) A novel packetisation scheme for MPEG-4 over 3G wireless systems.
	4 <u>display full document</u>
	2004. (INZZ) Service quality measurements for IPv6 inter-networks.
	5 <u>display full document</u>
	2003. (INZZ) Extensions of session initiation protocol for next generation services.
	6 <u>display full document</u>
	2002. (INZZ) Optimal syntax for packet header compression specification.
	7 <u>display full document</u>
	2003. (INZZ) Conversion of SEED format to XML representation for a new standard of seismic waveform exchange.
□ 8	8 <u>display full document</u>
	2004. (INZZ) Multicast for small conferences: a scalable multicast mechanism on IPv6.
	9 <u>display full document</u>
	2003. (INZZ) Amending the syntax of the MPEG-4 Simple Scalable Profile to use error resilience tools.
	10 <u>display full document</u>
	2003. (INZZ) XCAST6: eXplicit multicast on IPv6.
	11 <u>display full document</u>
	2002. (INZZ) A QoS provision architecture for Mobile IPv6 over MPLS using HMAT.
	12 <u>display full document</u>
	2003. (INZZ) eXplicit multicast on IPv6: XCAST6.
	13 <u>display full document</u>
	2002. (INZZ) Fast intercept of a passing stream for high performance filter appliances.
	14 <u>display full document</u>
	2002. (INZZ) TCP HACK: a mechanism to improve performance over lossy links.
	15 <u>display full document</u>
	2002. (INZZ) Error resilience methods for FGS coding scheme.
	16 <u>display full document</u>
	2001. (INZZ) TCP HACK: TCP header checksum option to improve performance over lossy links.
	17 <u>display full document</u>
	2000. (INZZ) Error-resilient coding in JPEG-2000 and MPEG-4.
	18 <u>display full document</u>

1999. (INZZ) Multicast communications for mobile hosts.

☐ 19 display full document

2000. (INZZ) MPEG-4 natural video coding-an overview.

☐ 20 display full document

1999. (INZZ) Norman Virus Control v4.70 for Windows NT.

Selection	Display Format	Output Format	ERA SM Electronic Redistribution & Archiving	Action
from this pagefrom all pages	FullFreeShortMediumCustomHelp withFormats	HTMLTagged (for tables)PDFRTF	Copies you will redistribute: Employees who will access archived record(s): Help with ERA	display Save print preview arder
	 Sort your entire :	search result	t by Publication year Ascending	sort



Top - News & FAQS - Dialog

© 2005 Dialog



Advanced Search: INSPEC - 1969 to date (INZZ)



Search history:

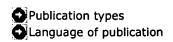
No.	Database	Search term	Info added since	Results	
1	INZZ	re NEAR encryption	unrestricted	24	show titles
2	INZZ	ip NEAR header	unrestricted	127	<u>show titles</u>
3	INZZ	minimum OR min	unrestricted	230053	show titles
4	INZZ	max OR maximum	unrestricted	347193	show titles
5	INZZ	hops	unrestricted	1667	show titles
6	INZZ	2 WITH (3 OR 4) NEAR 5	unrestricted	0	-
7	INZZ	2 WITH 5	unrestricted	1	show titles
8	INZZ	1 WITH 2	unrestricted	0	•
9	INZZ	1 AND 2	unrestricted	0	-
10	INZZ	encryption	unrestricted	7092	show titles
11	INZZ	10 AND 2	unrestricted	1	show titles
12	INZZ	source NEAR address	unrestricted	319	show titles
13	INZZ	12 SAME 2	unrestricted	3	show titles

show last 10 searches | hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips	
whole document	
Information added since: or: none	search

Select special search terms from the following list(s):

- Classification codes A: Physics, 0-1
- Classification codes A: Physics, 2-3 Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5
- Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control
- Classification codes D: Information Technology
- Classification codes E: Manufacturing & Production
- ♣ Treatment codes
- INSPEC sub-file



Top - News & FAQS - Dialog

© 2005 Dialog

IEEE HOME I SEARCH IEEE I SHOP I WEB ACCOUNT I CONTACT IEEE Publications/Services Standards Conferences Welcome **United States Patent and Trademark** Office RELEASE 1.8 » Search Results Help FAQ Terms IEEE Peer **Quick Links** ∇ <u>Revi</u>ew Welcome to IEEE Xplore® Your search matched 4484 of 1121826 documents. O- Home A maximum of 500 results are displayed, 15 to a page, sorted by Relevance O- What Can in **Descending** order. I Access? O- Log-out Refine This Search: You may refine your search by editing the current search expression or Tables of Contents entering a new one in the text box. O- Journals & Magazines fake or false or dummy<and>packet Search: Check to search within this result set Conference **Proceedings** Results Kev: O- Standards JNL = Journal or Magazine CNF = Conference STD = Standard Search O- By Author 1 Timing analysis with implicitly specified false paths Goldberg, E.; Saldanha, A.; O- Basic VLSI Design, 2000. Thirteenth International Conference on , 3-7 Jan. 2000 O- Advanced Pages:518 - 522 O- CrossRef [Abstract] [PDF Full-Text (60 KB)] IEEE CNF Member Services O- Join IEEE 2 Timing-safe false path removal for combinational modules O- Establish IEEE Kukimoto, Y.; Brayton, R.K.; Web Account Computer-Aided Design, 1999. Digest of Technical Papers. 1999 IEEE/ACM O- Access the International Conference on , 7-11 Nov. 1999 IEEE Member Pages: 544 - 549 **Digital Library** [Abstract] [PDF Full-Text (628 KB)] IEEE CNF IEEE Enterprise O- Access the 3 The effects of false paths in high-level synthesis IEEE Enterprise Bergamaschi, R.A.; File Cabinet Computer-Aided Design, 1991. ICCAD-91. Digest of Technical Papers., 1991 IEEE International Conference on , 11-14 Nov. 1991 Print Format Pages:80 - 83 [Abstract] [PDF Full-Text (376 KB)] IEEE CNF 4 Eliminating false loops caused by sharing in control path Su, A.; Ta-Yung Liu; Yu-Chin Hsu; Lee, M.T.-C.; System Synthesis, 1996. Proceedings., 9th International Symposium on , 6-8 Nov. 1996 Pages:39 - 44 [Abstract] [PDF Full-Text (520 KB)] IEEE CNF 5 Stability of false lock states in a class of phase-lock loops Stensby, J.; System Theory, 2002. Proceedings of the Thirty-Fourth Southeastern Symposium on , 18-19 March 2002 Pages:133 - 137 [Abstract] [PDF Full-Text (414 KB)] IEEE CNF 6 False-path removal using delay fault simulation Gharaybeh, M.A.; Agrawal, V.D.; Bushnell, M.L.;

Test Symposium, 1998. ATS '98. Proceedings. Seventh Asian, 2-4 Dec. 1998

Pages:82 - 87

[Abstract] [PDF Full-Text (236 KB)] IEEE CNF

7 On image and template false alarm rates when using target templates for target detection

Jian Li; Rahman, S.M.;

Signal Processing Letters, IEEE , Volume: 1 , Issue: 11 , Nov. 1994

Pages:173 - 175

[Abstract] [PDF Full-Text (176 KB)] IEEE JNL

8 Modeling human false target detection decision behavior in infrared images, using a statistical texture image metric

Aviram, G.; Rotman, S.R.;

Electrical and ELectronic Engineers in Israel, 2000. The 21st IEEE Convention of the , 11-12 April 2000

Pages:393 - 397

[Abstract] [PDF Full-Text (304 KB)] IEEE CNF

9 High confidence recognition of persons by rapid video analysis of iris texture

Daugman, J.;

Security and Detection, 1995., European Convention on , 16-18 May 1995 Pages: 244 - 251

[Abstract] [PDF Full-Text (1384 KB)] IEE CNF

10 F/A-18D(RC) built-in-test false alarms

Westervelt, K.;

Aerospace Conference Proceedings, 2002. IEEE , Volume: 6 , 9-16 March 2002

Pages:6-2961 - 6-2970 vol.6

[Abstract] [PDF Full-Text (604 KB)] IEEE CNF

11 Reducing false sharing and improving spatial locality in a unified compilation framework

Kandemir, M.; Choudhary, A.; Ramanujam, J.; Banerjee, P.;

Parallel and Distributed Systems, IEEE Transactions on , Volume: 14 , Issue:

4 , April 2003

Pages:337 - 354

[Abstract] [PDF Full-Text (1713 KB)] IEEE JNL

12 Symbolic timing analysis and resynthesis for low power of combinational circuits containing false paths

Bahar, R.I.; Hyunwoo Cho; Hachtel, G.D.; Macii, E.; Somenzi, F.;

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions

on , Volume: 16 , Issue: 10 , Oct. 1997

Pages:1101 - 1115

[Abstract] [PDF Full-Text (400 KB)] IEEE JNL

13 Saddle node bifurcation in a PLL

Stensby, J.;

Southeastcon '93, Proceedings., IEEE , 4-7 April 1993

Pages:4 p.

[Abstract] [PDF Full-Text (260 KB)] IEEE CNF

14 False alarm rate: a critical performance measure for face recognition

Sherrah, J.;

Automatic Face and Gesture Recognition, 2004. Proceedings. Sixth IEEE

International Conference on , 17-19 May 2004

Pages:189 - 194

[Abstract] [PDF Full-Text (1445 KB)] IEEE CNF

15 How to avoid false lock in SPLL frequency synthesizers

Szabo, Z.; Kolumban, G.;

Instrumentation and Measurement, IEEE Transactions on , Volume: 52

, Issue: 3 , June 2003 Pages:927 - 931

[Abstract] [PDF Full-Text (308 KB)] IEEE JNL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

	TIEEE I SHOP I WEB ACCOUNT I CONTACT IEEE	≱IE
Membership Public.	United States Patent and Trademark	E Xpio lion Doc lion Use (d) (110)
<u>Help FAQ Terms</u> Review	IEEE Peer Quick Links Search	Resu
Welcome to IEEE Xplores O- Home	Your search matched 4484 of 1121826 documents.	
O- What Can I Access?	A maximum of 500 results are displayed, 15 to a page, sorted by Relevan in Descending order.	ice
O- Log-out	Refine This Search:	
Tables of Contents	You may refine your search by editing the current search expression or entering a new one in the text box.	
O- Journals & Magazines	fake or false or dummy <and>packet Search</and>	
O- Conference Proceedings	☐ Check to search within this result set	
O- Standards	Results Key: JNL = Journal or Magazine CNF = Conference STD = Standard	
Search	SNE - Journal of Plagazine CN1 - Conference J.D - Standard	—
O- By Author	16 A new CFAR sidelobe canceler algorithm for radar	
O- Basic	Hendon, E.J.; Reed, I.S.; Aerospace and Electronic Systems, IEEE Transactions on , Volume: 26 , Iss	ane.
O- Advanced	5 , Sept. 1990	iuc.
O- CrossRef	Pages:792 - 803	
Member Services	[Abstract] [PDF Full-Text (816 KB)] IEEE JNL	
O- Join IEEE	A A saluium for quiding folio accordance in ECC identification	
O- Establish IEEE Web Account	17 A technique for avoiding false acceptance in ECG identification Kyoso, M.;	
O- Access the IEEE Member Digital Library	Biomedical Engineering, 2003. IEEE EMBS Asian-Pacific Conference on , 20 Oct. 2003	-22
IEEE Enterprise	Pages: 190 - 191	
O- Access the IEEE Enterprise	[Abstract] [PDF Full-Text (1327 KB)] IEEE CNF	
File Cabinet	18 The impact of false sharing on shared congestion management Akella, A.; Seshan, S.; Balakrishnan, H.; Network Protocols, 2003. Proceedings. 11th IEEE International Conference, 4-7 Nov. 2003 Pages:84 - 94	on
	[Abstract] [PDF Full-Text (386 KB)] IEEE CNF	
	19 Phenomenological model of false lock in the sampling phase-lock loop Frigyik, B.A.; Kolumban, G.; Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 II International Symposium on , Volume: 5 , 28-31 May 2000 Pages: 269 - 272 vol.5	
	[Abstract] [PDF Full-Text (256 KB)] IEEE CNF	
	20 On reducing false sharing while improving locality on shared memory multiprocessors Kandemir, M.; Choudhary, A.; Ramaujam, J.; Banerjee, P.; Parallel Architectures and Compilation Techniques, 1999. Proceedings. 1999. International Conference on , 12-16 Oct. 1999 Pages: 203 - 211	9
	[Abstract] [PDF Full-Text (244 KB)] IEEE CNF	
	21 Comparison of mammography and breast infrared imaging: sensitivity, specificity, false negatives, false positives, positive	

predictive value and negative predictive value

Head, J.F.; Lipari, C.A.; Elliott, R.L.;

[Engineering in Medicine and Biology, 1999. 21st Annual Conf. and the 1999 Annual Fall Meeting of the Biomedical Engineering Soc.] BMES/EMBS Conference, 1999. Proceedings of the First Joint, Volume: 2, 13-16 Oct.

Pages:1116 vol.2

[Abstract] [PDF Full-Text (76 KB)] IEEE CNF

22 Detecting false timing paths: experiments on PowerPCTM microprocessors

Raimi, R.; Abraham, J.;

Design Automation Conference, 1999. Proceedings. 36th, 21-25 June 1999 Pages:737 - 741

[Abstract] [PDF Full-Text (476 KB)] IEEE CNF

23 Timing analysis with known false sub graphs

Belkhale, K.P.; Suess, A.J.;

Computer-Aided Design, 1995. ICCAD-95. Digest of Technical Papers., 1995 IEEE/ACM International Conference on , 5-9 Nov. 1995 Pages:736 - 739

[Abstract] [PDF Full-Text (364 KB)] IEEE CNF

24 Apple tasting and nearly one-sided learning

Helmbold, D.P.; Littlestone, N.; Long, P.M.;

Foundations of Computer Science, 1992. Proceedings., 33rd Annual

Symposium on , 24-27 Oct. 1992

Pages:493 - 502

[Abstract] [PDF Full-Text (804 KB)] IEEE CNF

25 Is it a false alarm?

Stewart, N.A.;

Specifying and Measuring Performance of Modern Radar Systems (Ref. No.

1998/221), IEE Colloquium on , 6 March 1998

Pages:10/1 - 10/5

[Abstract] [PDF Full-Text (328 KB)] IEE CNF

26 A probabilistic foundation for vagueness and imprecision in fault-tree analysis

Guth, M.A.S.;

Reliability, IEEE Transactions on , Volume: 40 , Issue: 5 , Dec. 1991

Pages: 563 - 571

[Abstract] [PDF Full-Text (740 KB)] IEEE JNL

27 Theory of False Lock in Costas Loops

Hedin, G.; Holmes, J.; Lindsey, W.; Kai Woo;

Communications, IEEE Transactions on [legacy, pre - 1988], Volume: 26

, Issue: 1 , Jan 1978

Pages:1 - 12

[Abstract] [PDF Full-Text (1056 KB)] IEEE JNL

28 False alarm estimation in an automated fingerprint identification system (AFIS)

Khanna, R.; Miller, K.H.;

Security Technology, 2000. Proceedings. IEEE 34th Annual 2000 International Carnahan Conference on , 23-25 Oct. 2000

Pages: 260 - 261

[Abstract] [PDF Full-Text (124 KB)] IEEE CNF

29 On vulnerability and protection of ad hoc on-demand distance vector protocol

Weichao Wang; Yi Lu; Bhargava, B.K.; Telecommunications, 2003. ICT 2003. 10th International Conference on , Volume: 1, 23 Feb.-1 March 2003 Pages:375 - 382 vol.1

[Abstract] [PDF Full-Text (613 KB)] IEEE CNF

30 How to avoid false lock in SPLL frequency synthesizers

Szabo, Z.; Kolumban, G.; Instrumentation and Measurement Technology Conference, 2001. IMTC 2001. Proceedings of the 18th IEEE , Volume: 2 , 21-23 May 2001 Pages:738 - 743 vol.2

[Abstract] [PDF Full-Text (416 KB)] IEEE CNF

Prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week |
OPAC Linking Information | Your Feedback | Technical Support |
Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms |
Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME I SEARCH IEEE I SHOP I WEB ACCOUNT I CONTACT IEEE **�IEEE** Publications/Services Standards Conferences Careers/Jobs Welcome United States Patent and Trademark Office » Search Results Help FAQ Terms IEEE Peer **Quick Links** \Diamond Review Welcome to IEEE Xplores Your search matched 4484 of 1121826 documents. O- Home A maximum of 500 results are displayed, 15 to a page, sorted by Relevance O- What Can in Descending order. I Access? O- Log-out **Refine This Search: Tables of Contents** You may refine your search by editing the current search expression or entering a new one in the text box. - Journals & Magazines fake or false or dummy<and>packet Search Check to search within this result set Conference **Proceedings** Results Kev: O- Standards JNL = Journal or Magazine CNF = Conference STD = Standard Search O- By Author 31 False path detection at transistor level Das, A.; Sen, S.; Rangan, M.; Nayak, R.; Nandakumar; O- Basic VLSI Design, 1998. Proceedings., 1998 Eleventh International Conference on O- Advanced 4-7 Jan. 1998 O- CrossRef Pages: 226 - 229 Member Services [Abstract] [PDF Full-Text (372 KB)] IEEE CNF O- Join IEEE O- Establish IEEE 32 False hits of tri-syllabic queries in a Chinese signature file Web Account Tyne Liang; Suh-Yin Lee; Wei-Pang Yang; O- Access the Document Analysis and Recognition, 1995., Proceedings of the Third **IEEE Member** International Conference on , Volume: 1 , 14-16 Aug. 1995 **Digital Library** Pages:159 - 162 vol.1 IEEE Enterprise [Abstract] [PDF Full-Text (372 KB)] IEEE CNF O- Access the **IEEE Enterprise** 33 False PN-code lock due to off-peaks of Gold sequence **File Cabinet** autocorrelation [satellite transponders] Kwon, H.M.; Print Format Communications, 1992. ICC 92, Conference record, SUPERCOMM/ICC '92, Discovering a New World of Communications. IEEE International Conference on , 14-18 June 1992 Pages: 375 - 379 vol.1 [Abstract] [PDF Full-Text (320 KB)] IEEE CNF 34 Robust adaptive threshold for control of false alarms Sarma, A.; Tufts, D.W.; Signal Processing Letters, IEEE , Volume: 8 , Issue: 9 , Sept. 2001 Pages:261 - 263 [Abstract] [PDF Full-Text (62 KB)] IEEE JNL 35 Detection and estimation for multiple targets with two omnidirectional sensors in the presence of false measurements Shertukde, H.M.; Bar-Shalom, Y.; Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 38 , Issue: 5 , May 1990 Pages: 749 - 763 [Abstract] [PDF Full-Text (836 KB)] IEEE JNL

36 An interleaved hop-by-hop authentication scheme for filtering of

injected false data in sensor networks

Sencun Zhu; Setia, S.; Jajodia, S.; Peng Ning; Security and Privacy, 2004. Proceedings. 2004 IEEE Symposium on , 9-12 May 2004 Pages: 259 - 271

[Abstract] [PDF Full-Text (1475 KB)] IEEE CNF

37 Detection of microcalcifications in digitized mammogram film images using wavelet enhancement and local adaptive false positive suppression

Nesbitt, D.; Aghdasi, F.; Ward, R.; Morgan-Parkes, J.; Communications, Computers, and Signal Processing, 1995. Proceedings. IEEE Pacific Rim Conference on , 17-19 May 1995 Pages: 594 - 597

[Abstract] [PDF Full-Text (316 KB)] IEEE CNF

38 Elimination of multi-cycle false paths by state encoding

Hasan, Z.; Ciesielski, M.J.; European Design and Test Conference, 1995. ED&TC 1995, Proceedings. , 6-9 March 1995 Pages:155 - 159

[Abstract] [PDF Full-Text (432 KB)] IEEE CNF

39 A false balance avoidance transductor for measuring large DC currents

Xu Ken; Precision Electromagnetic Measurements, 1994. Digest., 1994 Conference on , 27 June-1 July 1994 Pages:309 - 310

[Abstract] [PDF Full-Text (80 KB)] IEEE CNF

40 Analysis of false alarms during system design

Simpson, W.R.; Sheppard, J.W.; Aerospace and Electronics Conference, 1992. NAECON 1992., Proceedings of the IEEE 1992 National, 18-22 May 1992 Pages:657 - 660 vol.2

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

41 Measurement of false alarm rate in a synthetic radar environment

Stott, G.F.; Stanfield, E.V.; Specifying and Measuring Performance of Modern Radar Systems (Ref. No. 1998/221), IEE Colloquium on , 6 March 1998 Pages:11/1 - 11/6

[Abstract] [PDF Full-Text (424 KB)] IEE CNF

42 False Lock Performance of Shuttle Costas Loop Receivers

Kai Woo; Huth, G.; Lindsey, W.; Holmes, J.; Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 26 , Issue: 11 , Nov 1978 Pages:1703 - 1712

[Abstract] [PDF Full-Text (744 KB)] IEEE JNL

43 Automatic bias control for a threshold detector

Dugundji, J.; Ackerlind, E.; Information Theory, IEEE Transactions on , Volume: 3 , Issue: 1 , Mar 1957 Pages:65 - 70

[Abstract] [PDF Full-Text (776 KB)] IEEE JNL

44 Digital false-target image synthesiser for countering ISAR

Pace, P.E.; Fouts, D.J.; Ekestorm, S.; Karow, C.;

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 149 , Issue: 5

, Oct. 2002

Pages:248 - 257

[Abstract] [PDF Full-Text (1650 KB)] IEE JNL

45 Probability of false alarm in CA-CFAR device downstream from linear-law detector

Di Vito, A.; Morreti, G.;

Electronics Letters , Volume: 25 , Issue: 25 , 7 Dec. 1989

Pages:1692 - 1693

[Abstract] [PDF Full-Text (132 KB)] IEE JNL

 Prev
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20

 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join | IEEE | Web Account | New this week |
OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms |
Back to Top

Copyright © 2004 IEEE — All rights reserved



Advanced Search: INSPEC - 1969 to date (INZZ)



Search history:

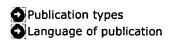
No.	Database	Search term	Info added since	Results	
1	INZZ	re NEAR encryption	unrestricted	24	show titles
2	INZZ	ip NEAR header	unrestricted	127	show titles
3	INZZ	minimum OR min	unrestricted	230053	show titles
4	INZZ	max OR maximum	unrestricted	347193	show titles
5	INZZ	hops	unrestricted	1667	show titles
6	INZZ	2 WITH (3 OR 4) NEAR 5	unrestricted	0	-
7	INZZ	2 WITH 5	unrestricted	1	show titles
8	INZZ	1 WITH 2	unrestricted	0	-
9	INZZ	1 AND 2	unrestricted	0	-
10	INZZ	encryption	unrestricted	7092	show titles
11	INZZ	10 AND 2	unrestricted	1	show titles
12	INZZ	source NEAR address	unrestricted	319	<u>show titles</u>
13	INZZ	12 SAME 2	unrestricted	3	<u>show titles</u>

show last 10 searches | hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips	
whole document	
I do a superstanding of from the control of the Mile Control of the control of th	
Information added since: or: none	search
(YYYYMMDD)	.

Select special search terms from the following list(s):

- Classification codes A: Physics, 0-1
- Classification codes A: Physics, 2-3
- Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5 Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control
- Classification codes D: Information Technology
- Classification codes E: Manufacturing & Production
- Treatment codes
- INSPEC sub-file



Top - News & FAQS - Dialog

© 2005 Dialog

شرز	Subscribe (Full Service) Register (Limited Service, Free) Login
(lec	PERTAL Search: © The ACM Digital Library © The Guide
	US Patent & Trademark Office ip header re-encryption
	Feedback Report a problem Satisfaction survey
Term	s used <u>ip header re encryption</u> Found 2,366 of 148,786
	results by relevance Save results to a Binder Try an Advanced Search Try this search in The ACM Guide Search Tips Open results in a new window
	ults 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next
	Relevance scale CCEEDE ecuring wireless applications: On securely enabling intermediary-based services and performance
<u>e</u> i Si	nhancements for wireless mobile users neha Kasera, Semyon Mizikovsky, Ganapathy S. Sundaram, Thomas Y. C. Woo eptember 2003 Proceedings of the 2003 ACM workshop on Wireless security
F	ull text available: pdf(310.72 KB) Additional Information: full citation, abstract, references, index terms
·	Intermediary-based services and performance optimizations are increasingly being considered, by network service providers, with a view towards offering value-added services and improving the user experience of wireless mobile clients at reduced costs. However, in the presence of an end-to-end security mechanism such as IPsec, it is impossible to offer such services without fully compromising end-to-end security. We propose a new architecture to enable intermediary-based services for wireless mob
	Keywords: IPsec, end-to-end security, intermediary, mobile, performance, wireless
H	igital village: Anonymizing the net al Berghel, Kim Womack pril 2003 Communications of the ACM, Volume 46 Issue 4
	ull text available: pdf(130.14 KB) Additional Information: full citation, abstract, index terms
•	Sanitizing packets for fun and profit.
Se M	nonymizing networks: New covert channels in HTTP: adding unwitting Web browsers to anonymity ets atthias Bauer ctober 2003 Proceedings of the 2003 ACM workshop on Privacy in the electronic society
	ull text available: pdf(158.18 KB) Additional Information: full citation, abstract, references, index terms
	This paper presents new methods enabling anonymous communication on the Internet. We describe a new protocol that allows us to create an anonymous overlay network by exploiting the web browsing activities of regular users. We show that the overlay net work provides an anonymity set greater than the set of senders and receivers in a realistic threat model. In particular, the protocol provides unobservability in our threat model.
	Keywords: HTTP, anonymity, covert channel, mix network
<u>pi</u> To	rellular and Cryptographic Applications: Cryptographic rights management of FPGA intellectual roperty cores om Kean ebruary 2002 Proceedings of the 2002 ACM/SIGDA tenth international symposium on Field-programmable gate arrays ull text available: pdf(171.79 KB) Additional Information: full citation, abstract, references, index terms
	As the capacity of FPGA's increases to millions of equivalent gates the use of Intellectual Property (IP) cores becomes increasingly important to control design complexity. FPGA's are becoming platforms for integrating a system solution from components supplied by independent vendors in the same way as printed circuit boards provided a platform for earlier generations of designers. However, the current commercial model for IP cores involves large up-front license fees reminiscent of ASIC NRE cha
	Keywords: FPGA, cryptography, intellectual property, rights management

5	KHIP—a scalable protocol for secure multicast routing				
	Clay Shields, J. J. Garcia-Luna-Aceves				
August 1999 ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer					
communication, Volume 29 Issue 4					
	Full text available: pdf(1.54 MB) Additional Information: full citation, abstract, references, citings, index terms				
	We present Keyed HIP (KHIP), a secure, hierarchical multicast routing protocol. We show that other shared-tree multicast routing protocols are subject to attacks against the multicast routing infrastructure that can isolate receivers or domains or introduce loops into the structure of the multicast routing tree. KHIP changes the multicast routing model so that only trusted members are able to join the multicast tree. This protects the multicast routing against attacks that could form branches to				
6	Low-loss TCP/IP header compression for wireless networks				
	Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink				
	October 1997 Wireless Networks, Volume 3 Issue 5				
	Full text available: pdf(534.08 KB) Additional Information: full citation, abstract, references, index terms				
	Wireless is becoming a popular way to connect mobile computers to the Internet and other networks. The bandwidth of wireless links will probably always be limited due to properties of the physical medium and regulatory limits on the use of frequencies for radio communication. Therefore, it is necessary for network protocols to utilize the available bandwidth efficiently. Headers of IP packets are growing and the bandwidth required for transmitting headers is increasing. With the coming of I				
7	What TCP/IP protocol headers can tell us about the web				
•	F. Donelson Smith, Félix Hernández Campos, Kevin Jeffay, David Ott				
	June 2001 ACM SIGMETRICS Performance Evaluation Review, Proceedings of the 2001 ACM SIGMETRICS international conference on Measurement and modeling of computer systems, Volume 29 Issue 1				
	Full text available: pdf(1.55 MB) Additional Information: tull citation, abstract, references, citings				
	We report the results of a large-scale empirical study of web traffic. Our study is based on over 500 GB of TCP/IP protocol-header traces collected in 1999 and 2000 (approximately one year apart) from the high-speed link connecting The University of North Carolina at Chapel Hill to its Internet service provider. We also use a set of smaller traces from the NLANR repository taken at approximately the same times for comparison. The principal results from this study are: (1) empirical data suitable				
	·				
8		928			
8	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink	Sept.			
8	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and	RACK,			
8	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink	32.00			
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: Ddf(1.51 MB) Additional Information: full citation, references, citings, index terms				
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: Doff(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo	20.000			
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: Ddf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security				
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security Full text available: pdf(223.05 KB) Additional Information: full citation, abstract, references, index terms	\$ 05			
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: Ddf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security				
	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security Full text available: pdf(223.05 KB) Additional Information: full citation, abstract, references, index terms We propose the use of "selective blocking" by "blocker tags" as a way of protecting consumers from unwanted scanning of RFID tags attached to items they may be carrying or wearing. While an ordinary RFID tag is a simple, cheap (e.g. five-cent) passive device intended as an "electronic bar-code" for use in supply-chain management, a blocker tag is a cheap passive RFID device that can simulate many ordinary				
9	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security Full text available: pdf(223.05 KB) Additional Information: full citation, abstract, references, index terms We propose the use of "selective blocking" by "blocker tags" as a way of protecting consumers from unwanted scanning of RFID tags attached to items they may be carrying or wearing. While an ordinary RFID tag is a simple, cheap (e.g. five-cent) passive device intended as an "electronic bar-code" for use in supply-chain management, a blocker tag is a cheap passive RFID device that can simulate many ordinary RFID tags simultaneously. When carried by a consumer, a blocker tag thus "blocks" RFID reade Keywords: RFID tags, barcodes, privacy, tree walking				
9	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security Full text available: pdf(223.05 KB) Additional Information: full citation, abstract, references, index terms We propose the use of "selective blocking" by "blocker tags" as a way of protecting consumers from unwanted scanning of RFID tags attached to items they may be carrying or wearing. While an ordinary RFID tag is a simple, cheap (e.g. five-cent) passive device intended as an "electronic bar-code" for use in supply-chain management, a blocker tag is a cheap passive RFID device that can simulate many ordinary RFID tags simultaneously. When carried by a consumer, a blocker tag thus "blocks" RFID reade Keywords: RFID tags, barcodes, privacy, tree walking Security: HIDE: an infrastructure for efficiently protecting information leakage on the address bus Xiaotong Zhuang, Tao Zhang, Santosh Pande October 2004 Proceedings of the 11th international conference on Architectural support for				
9	Low-loss TCP/IP header compression for wireless networks Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms Privacy/anonymity: The blocker tag: selective blocking of RFID tags for consumer privacy Ari Juels, Ronald L. Rivest, Michael Szydlo October 2003 Proceedings of the 10th ACM conference on Computer and communications security Full text available: pdf(223.05 KB) Additional Information: full citation, abstract, references, index terms We propose the use of "selective blocking" by "blocker tags" as a way of protecting consumers from unwanted scanning of RFID tags attached to items they may be carrying or wearing. While an ordinary RFID tag is a simple, cheap (e.g. five-cent) passive device intended as an "electronic bar-code" for use in supply-chain management, a blocker tag is a cheap passive RFID device that can simulate many ordinary RFID tags simultaneously. When carried by a consumer, a blocker tag thus "blocks" RFID reade Keywords: RFID tags, barcodes, privacy, tree walking Security: HIDE: an infrastructure for efficiently protecting information leakage on the address bus Xiaotong Zhuang, Tao Zhang, Santosh Pande				
9	November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking				

11	A unified header compression framework for low-bandwidth links Jeremy Lilley, Jason Yang, Hari Balakrishnan, Srinivasan Seshan August 2000 Proceedings of the 6th annual international conference on Mobile computing and	
	networking Full text available: pdf(1.35 MB) Additional Information: full citation, abstract, references, citings, index terms	
	Compressing protocol headers has traditionally been an attractive way of conserving bandwidth over low-speed links, including those in wireless systems. However, despite the growth in recent years in the number of end-to-end protocols beyond TCP/IP, header compression deployment for those protocols has not kept pace. This is in large part due to complexities in implementation, which often requires a detailed knowledge of kernel internals, and a lack of a common way of pursuing the general p	
12	A 50-Gb/s IP router Craig Partridge, Philip P. Carvey, Ed Burgess, Isidro Castineyra, Tom Clarke, Lise Graham, Michael Hathaway, Phil Herman, Allen King, Steve Kohalmi, Tracy Ma, John Mcallen, Trevor Mendez, Walter C. Milliken, Ronald Pettyjohn, John Rokosz, Joshua Seeger, Michael Sollins, Steve Storch, Benjamin Tober, Gregory D. Troxel June 1998 IEEE/ACM Transactions on Networking (TON), Volume 6 Issue 3 Full text available: Poff(133.28 KB) Additional Information: full citation, references, citings, index terms, review	
	Keywords: data communications, internetworking, packet switching, routing	
13	IP next generation overview	
	Robert M. Hinden June 1996 Communications of the ACM, Volume 39 Issue 6	
	Full text available: pdf(610.92 KB) Additional Information: full citation, references, index terms, review	
14	Session 7B: Tradeoffs in probabilistic packet marking for IP traceback	\Box
	Micah Adler May 2002 Proceedings of the thiry-fourth annual ACM symposium on Theory of computing	
	Full text available: pdf(318.24 KB) Additional Information: full citation, abstract, references, citings, index terms	
	There has been considerable recent interest in probabilistic packet marking schemes for the problem of tracing a sequence of network packets back to an anonymous source. An important consideration for such schemes is the number of packet header bits that need to be allocated to the marking protocol. Let b denote this value. All previous schemes belong to a class of protocols for which b must be at least log n , where n is the number of bits used to represent the path o	
15	Session 2: secure Web services: Designing a distributed access control processor for network	,]
	Services on the Web Reiner Kraft	
	November 2002 Proceedings of the 2002 ACM workshop on XML security Full text available: pdf(301.14 KB) Additional Information: full citation, abstract, references, index terms	
	The service oriented architecture (SOA) is gaining more momentum with the advent of network services on the Web. A programmable and machine accessible Web is the vision of many, and might represent a step towards the semantic Web. However, security is a crucial requirement for the serious usage and adoption of the Web services technology. This paper enumerates design goals for an access control model for Web services. It then introduces an abstract general model for Web services components, along	
	Keywords: Web services, XML, access control, security	
16	Securing ATM networks Shaw-Cheng Chuang	
	January 1996 Proceedings of the 3rd ACM conference on Computer and communications security	
	Full text available: pdf(1.53 MB) Additional Information: full citation, references, index terms	
17	Flexible routing and addressing for a next generation IP	
	Paul Francis, Ramesh Govindan	
	October 1994 ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architectures, protocols and applications, Volume 24 Issue 4	
	Full text available: pdf(1.20 MB) Additional Information: full citation, abstract, references, citings, index terms, review	

Due to a limited address space and poor scaling of backbone routing information, the Internet Protocol (IP) is rapidly reaching the end of its useful lifetime. The Simple Internet Protocol Plus (SIPP), a proposed next generation Internet Protocol, solves these problems with larger internet layer addresses. In addition, SIPP provides a number of advanced routing and addressing capabilities including mobility, extended (variable-length) addressing, provider selection, and certain forms of mul ...

18	Mobile IP and the IETF Charles E. Perkins	
	April 2002 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 6 Issue 2	
	Full text available: pdf(59.51 KB) Additional Information: full citation, index terms	
19	IP switching—ATM under IP Peter Newman, Greg Minshall, Thomas L. Lyon April 1998 IEEE/ACM Transactions on Networking (TON), Volume 6 Issue 2 Full text available: pdf(154.32 KB) Additional Information: full citation, references, citings, index terms	
	Keywords : Internet protocol, asynchronous transfer mode, broadband communication, communication system control, data communication, packet switching, protocols	
20	Traffic characterization: Characteristics of fragmented IP traffic on internet links	
	Colleen Shannon, David Moore, k claffy November 2001 Proceedings of the 1st ACM SIGCOMM Workshop on Internet Measurement	_
	Full text available: pdf(2.36 MB) Additional Information: full citation, abstract, references, citings, index terms	
	Fragmented IP traffic is a unique component of the overall mix of traffic on the Internet. Many assertion about the nature and extent of fragmented traffic are anecdotal rather than empirical. In this paper we examine the causes and attributes of measured fragment traffic and contrast those results with commonly cited beliefs. In particular, the effects of NFS, streaming media, networked video games, and tunneled traffic are quantified, and we estimate the prevalence of packet fragmentation due	5
	Keywords: CoralReef, TCP/IP, fragment, fragmentation	
Re	sults 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next	
	The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc. <u>Terms of Usage</u> <u>Privacy Policy</u> <u>Code of Ethics</u> <u>Contact Us</u>	
	Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player	

	Subscribe (Full Service) Register (Limited Service, Free) Login
	Search: © The ACM Digital Library C The Guide
	US Patent & Trademark Office ip header min* hop
	Feedback Report a problem Satisfaction survey
Te	rms used <u>in header min hop</u> Found 16,470 of 148,786
So	rt results by relevance Save results to a Binder Try an Advanced Search Try this search in The ACM Guide
Di	Splay results expanded form Search Tips Open results in a new window
	sults 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next st 200 shown Relevance scale Relevance Rel
1	Fragmentation considered harmful
	Christopher A. Kent, Jeffrey C. Mogul January 1995 ACM SIGCOMM Computer Communication Review, Volume 25 Issue 1
	Full text available: pdf(1.25 MB) Additional Information: full citation, abstract, index terms
	Internetworks can be built from many different kinds of networks, with varying limits on maximum packet size. Throughput is usually maximized when the largest possible packet is sent; unfortunately, some routes can carry only very small packets. The IP protocol allows a gateway to <i>fragment</i> a packet if it is too large to be transmitted. Fragmentation is at best a necessary evil; it can lead to poor performance or complete communication failure. There are a variety of ways to reduce the lik
2	FLIP: a flexible interconnection protocol for heterogeneous internetworking Ignacio Solis, Katia Obraczka
	August 2004 Mobile Networks and Applications, Volume 9 Issue 4
	Full text available: pdf(549.43 KB) Additional Information: full citation, abstract, references, index terms
	This paper describes the Flexible Interconnection Protocol, or FLIP, whose main goal is to allow interconnection of heterogeneous devices with varying power, processing, and communication capabilities, ranging from simple sensors to more powerful computing devices such as laptops and desktops. The vision is that FLIP will be used to interconnect such devices forming clouds in the farthest branches/leaves of the Internet, while still providing connectivity with the existing IP-based Internet infr
	Keywords: flexible headers, heterogeneous networks, optimized headers, sensor networks
3	Low-loss TCP/IP header compression for wireless networks
	Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink October 1997 Wireless Networks, Volume 3 Issue 5
	Full text available: pdf(534.08 KB) Additional Information: full citation, abstract, references, index terms
	Wireless is becoming a popular way to connect mobile computers to the Internet and other networks. The bandwidth of wireless links will probably always be limited due to properties of the physical medium and regulatory limits on the use of frequencies for radio communication. Therefore, it is necessary for network protocols to utilize the available bandwidth efficiently. Headers of IP packets are growing and the bandwidth required for transmitting headers is increasing. With the coming of I
4	altPm: a strategy for integrating IP with ATM
	Guru Parulkar, Douglas C. Schmidt, Jonathan S. Turner October 1995 ACM SIGCOMM Computer Communication Review, Proceedings of the conference on Applications, technologies, architectures, and protocols for computer
	communication, Volume 25 Issue 4 Full text available: pdf(1.17 MB) Additional Information: full citation, abstract, references, citings, index terms
	This paper describes research on new methods and architectures that enable the synergistic combination of IP and ATM technologies. We have designed a highly scalable gigabit IP router based on an ATM core and a set of tightly coupled general-purpose processors. This a ^{ItP} m (pronounced "IP on ATM" or, if you prefer, "ip-attem") architecture provides flexibility in congestion control, routing, resource management, and packe
5	Low-loss TCP/IP header compression for wireless networks
	Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking
	Full text available: pdf(1.51 MB) Additional Information: full citation, references, citings, index terms

6 Routing: Implicit source routes for on-demand ad hoc network routing

Yih-Chun Hu, David B. Johnson

October 2001 Proceedings of the 2nd ACM international symposium on Mobile ad hoc networking & computing

Full text available: pdf(175.52 KB)

Additional Information: full citation, abstract, references, citings, index terms

In an ad hoc network, the use of *source routing* has many advanctages, including simplicity, correctness, and flexibility. For example, all routing decisions for a packet are made by the sender of the packet, avoiding the need for up-to-date routing information at intermediate nodes and allowing the routes used to be trivially guaranteed loop-free. It is also possible for the sender to use different routes for different packets, without requiring coordination or explicit support by the lmt ...

7 Sirpent: a high-performance internetworking approach

D. R. Cheriton

August 1989 ACM SIGCOMM Computer Communication Review , Symposium proceedings on Communications architectures & protocols, Volume 19 Issue 4

Full text available: pdf(1.65 MB)

Additional Information: full citation, abstract, references, citings, index terms

A clear target for computer communication technology is to support a high-performance global internetwork. Current internetworking approaches use either concatenated virtual circuits, as in X.75, or a "universal" internetwork datagram, as in the DoD Internet IP protocol and the ISO connectionless network protocol (CLNP). Both approaches have significant disadvantages. This paper describes SirpentTM (Source Internetwork Routing Protocol with Extended Network Trans ...

8 Protocols: Weak duplicate address detection in mobile ad hoc networks

Nitin H. Vaidya

June 2002 Proceedings of the 3rd ACM international symposium on Mobile ad hoc networking & computing

Full text available: pdf(216.31 KB)

Additional Information: full citation, abstract, references, citings, index terms

Auto-configuration is a desirable goal in implementing mobile ad hoc networks. Specifically, automated dynamic assignment (without manual intervention) of IP addresses is desirable. In traditional networks, such dynamic address assignment is often performed using the Dynamic Host Configuration Protocol (DHCP). Implementing DHCP, however, requires access to a DHCP server. In mobile ad hoc networks, it is difficult to guarantee access to a DHCP server, since ad hoc networks can become partitioned ...

Keywords: auto-configuration, duplicate address detection, mobile ad hoc networks

9 Routing and transport: Adaptive demand-driven multicast routing in multi-hop wireless ad hoc networks

Jorjeta G. Jetcheva, David B. Johnson

October 2001 Proceedings of the 2nd ACM international symposium on Mobile ad hoc networking & computing

Full text available: pdf(257.98 KB)

Additional Information: full citation, abstract, references, citings, index terms

The use of on-demand techniques in routing protocols for multi-hop wireless ad hoc networks has been shown to have significant advantages in terms of reducing the routing protocol's overhead and improving its ability to react quickly to topology changes in the network. A number of on-demand *multicast* routing protocols have been proposed, but each also relies on significant periodic (non-on-demand) behavior within portions of the protocol. This paper presents the design and initial evluati ...

10 Session 10: active measurement: Active probing using packet quartets

Attila Pásztor, Darryl Veitch

November 2002 Proceedings of the 2nd ACM SIGCOMM Workshop on Internet measurment

Full text available: pdf(1.38 MB)

Additional Information: full citation, abstract, references, citings, index terms

A significant proportion of link bandwidth measurement methods are based on IP's ability to control the number of hops a packet can traverse along a route via the time-to-live (TTL) field of the IP header. A new delay variation based path model is introduced and used to analyse the fundamental networking effects underlying these methods. Insight from the model allows new link estimation methods to be derived and analysed. A new method family based on packet quartets: a combination of two packet ...

Keywords: TTL, active probing, bottleneck bandwidth, cross-traffic, delay variation, internet measurement

11 Best poster papers from MobiHoc 2002: An on-demand minimum energy routing protocol for a wireless ad hoc network

Sheetalkumar Doshi, Shweta Bhandare, Timothy X Brown

June 2002 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 6 Issue 3

Full text available: pdf(203.93 KB)

Additional Information: full citation, abstract, references, citings, index terms

A minimum energy routing protocol reduces the energy consumption of the nodes in a wireless ad hoc network by routing packets on routes that consume the minimum amount of energy to get the packets to their destination. This paper identifies the necessary features of an on-demand minimum energy routing protocol and suggests mechanisms for their implementation. We highlight the importance of efficient caching techniques to store the minimum energy route information and propose the use of an ...

12 Special issue on wireless extensions to the internet: A cooperative approach to user mobility Robin Kravets, Casey Carter, Luiz Magalhães

October 2001 ACM SIGCOMM Computer Communication Review, Volume 31 Issue 5

Full text available: pdf(1.34 MB)

Additional Information: full citation, abstract, references

We propose a networking model that treats a user's set of personal devices as a MObile grouPEd Device, a MOPED, which appears as a single entity to the rest of the Internet. All communication for a user is directed to this point of presence. As the user moves through different environments, the devices cooperate to provide the user with access to all available communication resources. We present the basic networking functionality necessary to enable the operation of MOPEDs and their integrati ...

13 Developments in simulation and instrumentation: Topology discovery for public IPv6 networks Daniel G. Waddington, Fangzhe Chang, Ramesh Viswanathan, Bin Yao ACM SIGCOMM Computer Communication Review, Volume 33 Issue 3



Full text available: pdf(182.34 KB)

Additional Information: full citation, abstract, references, index terms

In just three decades the Internet has grown from a small experimental research network into a complex network of routers, switches, and hosts. Understanding the topology of such large scale networks is essential to the procurement of good architectural design decisions, particularly with respect to address allocation and distribution schemes. A number of techniques for IPv4 network topology already exist. Of these ICMP-based probing has shown to be most useful in determining router-level topolog ...

Keywords: IPv6, IPv6 network topology discovery, network measurement, network probing, topology inference

14 IP switching—ATM under IP

Peter Newman, Greg Minshall, Thomas L. Lyon

April 1998 IEEE/ACM Transactions on Networking (TON), Volume 6 Issue 2

Full text available: pdf(154,32 KB)

Additional Information: full citation, references, citings, index terms

Keywords: Internet protocol, asynchronous transfer mode, broadband communication, communication system control, data communication, packet switching, protocols

15 Special issue on wireless extensions to the internet: Fast handovers and context transfers in mobile networks

Rajeev Koodli, Charles E. Perkins

October 2001 ACM SIGCOMM Computer Communication Review, Volume 31 Issue 5

Full text available: pdf(1.16 MB)

Additional Information: full citation, abstract, references

We describe recent work enabling fast handovers and context transfer between access routers offering Internet connectivity for mobile (often wireless) nodes. We present our framework for engineering general context transfer solutions, and a protocol which uses the framework to provide a simple yet general mechanism for carrying out context transfers during handovers. Since our mechanism operates at the network level, we expect that it will be the most expedient way to provide for seamless han ...

Keywords: IPv6, context transfer, fast handover, mobile IP, mobile network

¹⁶ Papers from MC²R open call: Lifetime packet discard for efficient real-time transport over cellular <u>links</u>

Andrei Gurtov, Reiner Ludwig

October 2003 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 7 Issue 4

Full text available: pdf(644.28 KB)

Additional Information: full citation, abstract, references, citings

Mobile cellular users often experience significant delay jitter that undermines quality of real-time applications. Delay jitter can cause unnecessary delivery of stale packets with passed playback deadline and duplicate packets retransmitted by the end host after experiencing a timeout. With Lifetime Packet Discard (LPD) a flow adaptive link can tailor the trade-off between the maximum delay jitter and

reliability if quality of service requirements of a flow are known. We propose using an IP opt ...

17 Multicast routing in internetworks and extended LANs

S. E. Deering

August 1988 ACM SIGCOMM Computer Communication Review , Symposium proceedings on Communications architectures and protocols, Volume 18 Issue 4

Full text available: pdf(1.41 MB)

Additional Information: full citation, abstract, references, citings, index terms

Multicasting is used within local-area networks to make distributed applications more robust and more efficient. The growing need to distribute applications across multiple, interconnected networks, and the increasing availability of high-performance, high-capacity switching nodes and networks, lead us to consider providing LAN-style multicasting across an internetwork. In this paper, we propose extensions to two common internetwork routing algorithms—distance-vector routing and link- ...

18 Multicast routing in internetworks and extended LANs

Stephen E. Deering

January 1995 ACM SIGCOMM Computer Communication Review, Volume 25 Issue 1

Full text available: pdf(1.37 MB)

Additional Information: full citation, abstract, index terms

Multicasting is used within local-area networks to make distributed applications more robust and more efficient. The growing need to distribute applications across multiple, interconnected networks, and the increasing availability of high-performance, high-capacity switching nodes and networks, lead us to consider providing LAN-style multicasting across an internetwork. In this paper, we propose extensions to two common internetwork routing algorithms---distance-vector routing and link-state rou ...

19 Routing II: Tree based MPLS routing

Anupam Gupta, Amit Kumar, Mikkel Thorup

Proceedings of the fifteenth annual ACM symposium on Parallel algorithms and June 2003 architectures

Full text available: pdf(122.41 KB)

Additional Information: full citation, abstract, references, index terms

MPLS (MultiProtocol Label Switching) is a new technology proposed by the IETF [4,10] for network routing, and is being increasingly deployed by the largest Internet service providers. The MPLS technology differs from conventional network protocols in a crucial way: instead of reading the entire packet header at all switching points, the analysis of the packet header is done just once, when the packet header is assigned a stack of labels, and thenceforth, each switching point or rou ...

Keywords: MPLS routing, networks, routing algorithms

20 DOS protection: Hop-count filtering: an effective defense against spoofed DDoS traffic

Cheng Jin, Haining Wang, Kang G. Shin

October 2003 Proceedings of the 10th ACM conference on Computer and communications security

Full text available: pdf(213.86 KB)

Additional Information: full citation, abstract, references, index terms

IP spoofing has been exploited by Distributed Denial of Service (DDoS) attacks to (1) conceal flooding sources and localities in flooding traffic, and (2) coax legitimate hosts into becoming reflectors, redirecting and amplifying flooding traffic. Thus, the ability to filter spoofed IP packets near victims is essential to their own protection as well as to their avoidance of becoming involuntary DoS reflectors. Although an attacker can forge any field in the IP header, he or she cannot falsify t ...

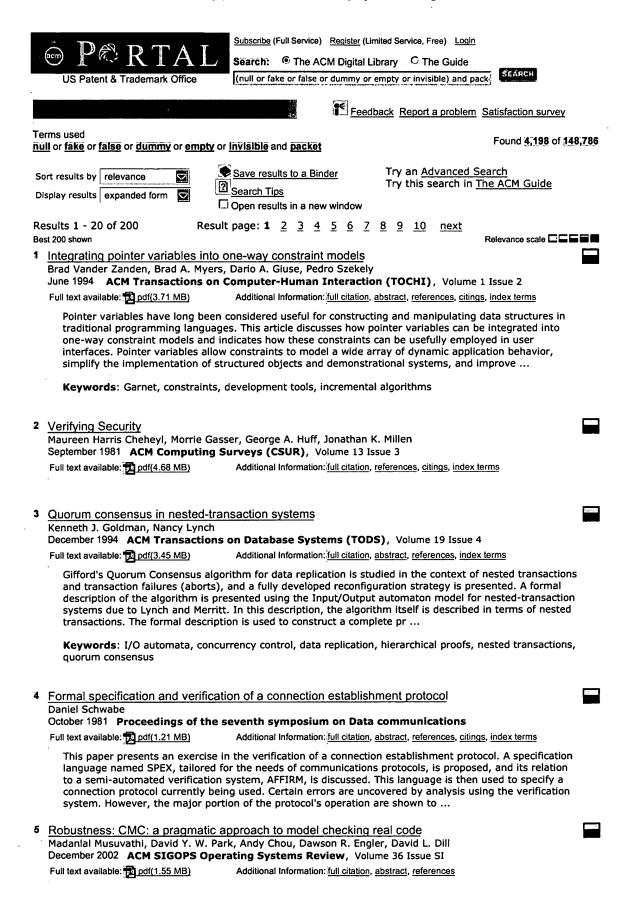
Keywords: DDoS defense, TTL, host-based, networking, security

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads; Adobe Acrobat Q QuickTime Windows Media Player Real Player



Many system errors do not emerge unless some intricate sequence of events occurs. In practice, this means that most systems have errors that only trigger after days or weeks of execution. Model checking [4] is an effective way to find such subtle errors. It takes a simplified description of the code and exhaustively tests it on all inputs, using techniques to explore vast state spaces efficiently. Unfortunately, while model checking systems code would be wonderful, it is almost never done in pra ...

6 Bounded ignorance: a technique for increasing concurrency in a replicated system Narayanan Krishnakumar, Arthur J. Bernstein

December 1994 ACM Transactions on Database Systems (TODS), Volume 19 Issue 4

Full text available: pdf(2.84 MB)

Additional Information: full citation, abstract, references, citings, index terms, review

Databases are replicated to improve performance and availability. The notion of correctness that has commonly been adopted for concurrent access by transactions to shared, possibly replicated, data is serializability. However, serializability may be impractical in high-performance applications since it imposes too stringent a restriction on concurrency. When serializability is relaxed, the integrity constraints describing the data may be violated. By allowing bounded violations of the integ ...

Keywords: concurrency control, integrity constraints, reachability analysis, replication, serializability

7. The holodeck ray cache: an interactive rendering system for global illumination in nondiffuse environments

Gregory Ward, Maryann Simmons

October 1999 ACM Transactions on Graphics (TOG), Volume 18 Issue 4

Full text available: pdf(935.74 KB)

Additional Information: full citation, abstract, references, citings, index terms

We present a new method for rendering complex environments using interactive, progressive, view-independent, parallel ray tracing. A four-dimensional holodeck data structure serves as a rendering target and caching mechanism for interactive walk-throughs of nondiffuse environments with full global illumination. Ray sample density varies locally according to need, and on-demand ray computation is supported in a parallel implementation. The holodeck file is stored on disk and ...

Keywords: illumination, image reconstruction, mesh generation, ray tracing, rendering system, virtual reality

Scalable high speed IP routing lookups

Marcel Waldvogel, George Varghese, Jon Turner, Bernhard Plattner

October 1997 ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication, Volume 27 Issue 4

Full text available: pdf(1.66 MB)

Additional Information: full citation, abstract, references, citings, index terms

Internet address lookup is a challenging problem because of increasing routing table sizes, increased traffic, higher speed links, and the migration to 128 bit IPv6 addresses. IP routing lookup requires computing the best matching prefix, for which standard solutions like hashing were believed to be inapplicable. The best existing solution we know of, BSD radix tries, scales badly as IP moves to 128 bit addresses. Our paper describes a new algorithm for best matching prefix using binary search o ...

Congestion: Congestion control and fairness for many-to-one routing in sensor networks Cheng Tien Ee, Ruzena Bajcsy

November 2004 Proceedings of the 2nd international conference on Embedded networked sensor systems

Full text available: pdf(289.99 KB)

Additional Information: full citation, abstract, references, index terms

In this paper we propose a distributed and scalable algorithm that eliminates congestion within a sensor network, and that ensures the fair delivery of packets to a central node, or base station. We say that fairness is achieved when equal number of packets are received from each node. Since in general we have many sensors transmitting data to the base station, we consider the scenario where we have many-to-one multihop routing, noting that it can easily be extended to unicast or many-to-many ...

Keywords: congestion control, distributed algorithms, fairness, many-to-one routing, sensor networks

10 Bootstrap network resynchronization (extended abstract)

Yehuda Afek, Eli Gafni

July 1991 Proceedings of the tenth annual ACM symposium on Principles of distributed computing

Full text available: pdf(1.01 MB)

Additional Information: full citation, references, citings, index terms

	Computing cyclic list structures F. Lockwood Morris, Jerald S. Schwarz August 1980 Proceedings of the 1980 ACM conference on LISP and functional programming	
	Full text available: pdf(662.20 KB) Additional Information: full citation, abstract, references, citings, index terms	
	It is argued that list structures containing cycles are useful and unobjectionable Lisp entities. If this is so, it is desirable to have a means of computing them less foreign to the equational-definition style characteristic of Lisp than are the list-structure-altering primitives rplaca and rplacd. A notion is developed of a reasonable system of mutually recursive equations, guaranteed to have a unique solution in list structures. The notion is given in te	
12	Static detection of dynamic memory errors David Evans	
	May 1996 ACM SIGPLAN Notices, Proceedings of the ACM SIGPLAN 1996 conference on Programming language design and implementation, Volume 31 Issue 5 Full text available: pdf(1.17 MB) Additional Information: full citation, abstract, references, citings, index terms	
	Many important classes of bugs result from invalid assumptions about the results of functions and the values of parameters and global variables. Using traditional methods, these bugs cannot be detected efficiently at compile-time, since detailed cross-procedural analyses would be required to determine the relevant assumptions. In this work, we introduce annotations to make certain assumptions explicit at interface points. An efficient static checking tool that exploits these annotations can dete	
13	Formal semantics for expressing optimism: the meaning of HOPE	
	Crispin Cowan, Hanan Lutfiyya August 1995 Proceedings of the fourteenth annual ACM symposium on Principles of distributed computing	
	Full text available: pdf(1.14 MB) Additional Information: full citation, references, citings, index terms	
14	Abstract interaction tools: a language for user interface management systems Jan Van Den Bos April 1988 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 10 Issue	
	2 Full text available: pdf(2.45 MB) Additional Information: full citation, abstract, references, citings, index terms, review	
	A language model is presented for the specification of User Interface Management Systems. The model, called the Abstract Interaction Tool (AIT) model, offers a tree-like hierarchy of interaction objects. Each object represents a subtree and can be considered as an abstract input device containing a syntax-like specification of the required input pattern. The hierarchy of specifications amounts to a system of syntactical productions with multiple control. Terminal nodes of the AIT tree repre	
15	Session 2: secure Web services: Validating a Web service security abstraction by typing Andrew D. Gordon, Riccardo Pucella	2.25
	November 2002 Proceedings of the 2002 ACM workshop on XML security Full text available: Additional Information: full citation, abstract, references, citings, index terms	
	An XML web service is, to a first approximation, an RPC service in which requests and responses are encoded in XML as SOAP envelopes, and transported over HTTP. We consider the problem of authenticating requests and responses at the SOAP-level, rather than relying on transport-level security. We propose a security abstraction, inspired by earlier work on secure RPC, in which the methods exported by a web service are annotated with one of three security levels: none, authenticated, or both authen	
	Keywords: Web services, authentication, remote procedure call, type systems	
16	Parallel and distributed incremental attribute evaluation algorithms for multiuser software development environments Gail E. Kaiser, Simon M. Kaplan January 1993 ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 2 Issue	
	Full text available: pdf(3.09 MB) Additional Information: full citation, abstract, references, citings, index terms	
	The problem of change propagation in multiuser software development environments distributed across a local-area network is addressed. The program is modeled as an attributed parse tree segmented among multiple user processes and changes are modeled as subtree replacements requested asynchronously by individual users. Change propagation is then implemented using decentralized incremental evaluation of an attribute grammar that defines the static semantic properties of the p	
	Keywords : attribute grammar, change propagation, distributed, incremental algorithm, parallel, reliability	

3 of 4

17	The deductive synthesis of database transactions				
	Xiaolei Qian		_		
December 1993 ACM Transactions on Database Systems (TODS), Volume 18 Issue 4					
	Full text available: pdf(3.27 MB)	Additional Information: full citation, references, index terms			
		·,			
		deductive tableau, integrity constraints, search control, transaction			
	logic, transaction synthesis				
18	Finite state machine verification on I	MIMD machines	28		
	Nand Kumar, Ranga Vemuri	THE THOUSANT SO			
		onference on European design automation			
	Full text available: pdf(689.13 KB)	Additional Information: full citation, references, index terms			
		, ,			
19	Query evaluation techniques for large	ne datahases	- 32.1		
	Goetz Graefe	10 databases	_		
	June 1993 ACM Computing Surveys	(CSUR), Volume 25 Issue 2			
	Full text available: pdf(9.37 MB)	Additional Information: full citation, abstract, references, citings, index terms, review			
	,	continue to manage large data volumes. Thus, efficient algorithms			
	for accessing and manipulating large	e sets and sequences will be required to provide acceptable			
	performance. The advent of object-of	priented and extensible database systems will not solve this problem.			
	On the contrary, modern data mode	Is exacerbate the problem: In order to manipulate large sets of			
	complex objects as efficiently as tod	ay's database systems manipulate simple records, query-processi			
	Managara and a secondary arrange and traditional	on plane, dynamic gyany avaluation plane, avtensible database			
	systems iterators object-oriented (on plans, dynamic query evaluation plans, extensible database latabase systems, operator model of parallelization, parallel			
	algorithms, relational database syste	ems, set-matching algorithms, sort-hash duality			
			_		
20	A functional taxonomy for software	watermarking	X.02.		
	Jasvir Nagra, Clark Thomborson, Christ	ian Collberg			
	January 2002 Australian Computer S	cience Communications, Proceedings of the twenty-fifth ce on Computer science - Volume 4, Volume 24 Issue 1			
		Additional Information: full citation, abstract, references, citings, index terms			
	Despite the recent surge of interest	in digital watermarking technology from the research community, we			
	lack a comprehensive and precise to	erminology for software watermarking. In this paper, we attempt to fill for the various protective functions served by software watermarks:			
	Validation Mark Licensing Mark Au	thorship Mark and Fingerprinting Mark. We identify the desirable			
	properties and specific vulnerabilitie	s of each type of watermark, and we illustrate			
		•			
		int, software authorship, software licensing, steganography,			
	watermark				
_		2			
R	esults 1 - 20 of 200	Result page: 1 2 3 4 5 6 7 8 9 10 next			
	The ACM Portal is published by	the Association for Computing Machinery. Copyright © 2005 ACM, Inc.			
	Terms of U	sage Privacy Policy Code of Ethics Contact Us			
	·	ears			
	Useful downloads: 🔼 Adobe A	crobat Q QuickTime Windows Media Player Real Player			

	scribe (Full Service) Register (Limited	Service, Free) Login		
	Search: The ACM Digital Library The Guide			
US Patent & Trademark Office (nul	l or fake or false or dummy or emp	ty or invisible) and pack	SEÂRCH	
and the second	Feedback	Report a problem S	atisfaction survey	
Terms used $\underline{\overline{null}}$ or \underline{fake} or \underline{false} or \underline{dummy} or \underline{empty} or \underline{invis}	ible and packet		Found 4,198 of 148,	786
Soit results by lielevance	o robatto to a Biriao.	ry an <u>Advanced Sea</u> ry this search in Th		
	rch <u>Tips</u> n results in a new window	ry cino ocal cir in <u>in</u>	<u> </u>	
Results 21 - 40 of 200 Result page: p Best 200 shown	previous 1 2 3 4 5 6		ext Relevance scale 🗔 🗖 🖬	
21 Design and implementation of a resou operating system		extension to a pers	onal computer	W.
Rita C. Summers, Mostafa Ebrahimi, John May 1985 Proceedings of the 1985 A		on Small systems		
Full text available: pdf(1.22 MB) Add	litional Information: full citation, abst	ract, references		
The software and hardware available to personal productivity, business applica computers are connected in a local are great compared to those of each comp resources. We describe the design and	tions, research, programming a network, they can form a s outer. With appropriate system	g, and other activitie system whose total r in mechanisms, user	es. If personal resources are very	
22 A representation of Lambda terms suit	table for operations on thei	r intensions	•	
Gopalan Nadathur, Debra Sue Wilson May 1990 Proceedings of the 1990 A	CM conference on LISP and	d functional progr	amming	
	litional Information: full citation, abst			
A representation for lambda terms is d names. The new notation provides for substitutions to be performed on them substitutions. The precise mechanism support the ability to examine subterm	a class of terms that can enc . The notion of an environme that is used is, however, mor	ode other terms tog int is used to realize te complex than the	ether with this "delaying" of	
23 A macrotask-level unlimited speculativ Hayato Yamana, Mitsuhisa Sato, Yuetsu K Yamaguchi	ve execution on multiproces Codama, Hirofumi Sakane, Sh	ssors uichi Sakai, Yoshino	ri	
July 1995 Proceedings of the 9th inter				
Full text available: pdf(1.16 MB) Additional	Information: full citation, references.	, <u>citings, index terms</u>		
24 Display development system: a succe Robin R. Miller, Mary Ann Dodge March 1986 Proceedings of the third a		mposium on Ada: <i>I</i>		
: practical lessons in persp Full text available: pdf(559.96 KB) Add	pective fitional Information: full citation, refe	rences		
Full text available. Dol(003-30 ND)	nuonai iniormaton. <u>Pur estation,</u> F <u>erio</u>	101065	•	
25 SAFKASI: a security mechanism for la Dan S. Wallach, Andrew W. Appel, Edward October 2000 ACM Transactions on Sof	d W. Felten	ethodology (TOSEN	ሳ) , Volume 9 Issue	
Full text available: pdf(234.89 KB) Add	ditional Information: full citation, abs	tract, references, citings,	, <u>index terms</u>	
In order to run untrusted code in the s dangerous calls to determine if their ca routine. Java systems have adopted a original definition, in terms of searchin achievement of security, overconstrain	aller is authorized to exercise technique called stack inspec ig stack frames, had an uncle	the privilege of using tion to address this ear relationship to the	ng the dangerous concern. But its	
Keywords: Internet, Java, WWW, acc	tess control, applets, security	-passing style, stack	c inspection	

26	Session II: wxHaskell: a portable and concise GUI library for haskell	
	Daan Leijen	_
	September 2004 Proceedings of the ACM SIGPLAN workshop on Haskell	
	Full text available: pdf(179.83 KB) Additional Information: full citation, abstract, references, citings, index terms wxHaskell is a graphical user interface (GUI) library for Haskell that is built on wxWidgets: a free industrial strength GUI library for C++ that has been ported to all major platforms, including Windows, Gtk, and MacOS X. In contrast with many other libraries, wxWidgets retains the native look-and-feel of each particular platform. We show how distinctive features of Haskell, like parametric polymorphism, higher-order functions, and first-class computations, can be used to present a concise and	
	Keywords: C++, Haskell, combinator library, graphical user interface, layout, wxWidgets	
27.	Mobile applications: Bluetooth and WAP push based location-aware mobile advertising system Lauri Aalto, Nicklas Göthlin, Jani Korhonen, Timo Ojala	
	June 2004 Proceedings of the 2nd international conference on Mobile systems, applications, and services	
	Full text available: pdf(469.83 KB) Additional Information: full citation, abstract, references, index terms	
	Advertising on mobile devices has large potential due to the very personal and intimate nature of the devices and high targeting possibilities. We introduce a novel B-MAD system for delivering permission-based location-aware mobile advertisements to mobile phones using Bluetooth positioning and Wireless Application Protocol (WAP) Push. We present a thorough quantitative evaluation of the system in a laboratory environment and qualitative user evaluation in form of a field trial in the real envir	
	Keywords : Bluetooth positioning, context-aware, location-aware, location-based services, mobile advertising, wireless advertising	
28	DCAS-based concurrent deques Ole Agesen, David L. Detlefs, Christine H. Flood, Alexander T. Garthwaite, Paul A. Martin, Nir N. Shavit, Guy L. Steele July 2000 Proceedings of the twelfth annual ACM symposium on Parallel algorithms and	
	architectures Full text available: □ pdf(298.15 KB) Additional Information: full citation, abstract, references, citings, index terms	
	The computer industry is currently examining the use of strong synchronization operations such as double compare-and-swap (DCAS) as a means of supporting non-blocking synchronization on tomorrow's multiprocessor machines. However, before such a strong primitive will be incorporated into hardware design, its utility needs to be proven by developing a body of effective non-blocking data structures using DCAS. As part of this effort, we present two new linearizable non-blocking impl	
29	Optimistic active messages: a mechanism for scheduling communication with computation Deborah A. Wallach, Wilson C. Hsieh, Kirk L. Johnson, M. Frans Kaashoek, William E. Weihl August 1995 ACM SIGPLAN Notices, Proceedings of the fifth ACM SIGPLAN symposium on Principles and practice of parallel programming, Volume 30 Issue 8 Full text available: Additional Information: full citation, abstract, references, citings, index terms	3.6
	Low-overhead message passing is critical to the performance of many applications. Active Messages reduce the software overhead for message handling: messages are run as handlers instead of as threads, which avoids the overhead of thread management and the unnecessary data copying of other communication models. Scheduling the execution of Active Messages is typically done by disabling and enabling interrupts, or by polling the network. This primitive scheduling control, combined with the fac	
30	A coherent distributed file cache with directory write-behind	74.5
	Timothy Mann, Andrew Birrell, Andy Hisgen, Charles Jerian, Garret Swart May 1994 ACM Transactions on Computer Systems (TOCS), Volume 12 Issue 2	
	Full text available: pdf(3.21 MB) Additional Information: full citation, abstract, references, citings, index terms, review	
	Extensive caching is a key feature of the Echo distributed file system. Echo client machines maintain coherent caches of file and directory data and properties, with write-behind (delayed write-back) of all cached information. Echo specifies ordering constraints on this write-behind, enabling applications to store and maintain consistent data structures in the file system even when crashes or network faults prevent some writes from being completed. In this paper we describe	
	Keywords: coherence, file caching, write-behind.	
3.1	Context constraints for compositional reachability analysis Shing Chi Cheung, Jeff Kramer October 1996 ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 5 Issue	

	Additional information: <u>Juli Citation</u> , <u>abstract</u> , <u>references</u> , <u>citings</u> , <u>index terms</u> , <u>review</u>	
	Behavior analysis of complex distributed systems has led to the search for enhanced reachability analysis techniques which support modularity and which control the state explosion problem. While modularity has been achieved, state explosion in still a problem. Indeed, this problem may even be exacerbated, as a locally minimized subsystem may contain many states and transitions forbidden by its environment or context. Context constraints, specified as interface processes, are restrictions im	
	Keywords : compositional techniques, concurrency, context constraints, distributed systems, labeled transition systems, reachability analysis, state space reduction, static analysis, validation	
	SABLE: A tool for generating structured, multi-level simulations D. D. Hill, W. M. vanCleemput	
	June 1988 Papers on Twenty-five years of electronic design automation Full text available: pdf(809.32 KB) Additional Information: full citation, references, index terms	
	Letters to the editor: A protection model and its implementation in a dataflow system Lubomir Bic	7.2-
	September 1982 Communications of the ACM, Volume 25 Issue 9 Full text available: pdf(843.40 KB) Additional Information: full citation, abstract, references, index terms	
	A protection model is presented for a general purpose computing system based on tags attached as seals and signatures to values exchanged among processes. A tag attached to a value as a seal does not prevent that value from being propagated to any place within the system; rather, it guarantees that the value and any information derived from it cannot leave the system unless a matching tag is presented. A tag attached to a value as a signature is used by a p	
	Keywords : dataflow, interprocess communication, proprietory services, protection, selective confinement	
34	Sequential thematic organization of publications: how to achieve coherence in proposals and reports J. R. Tracey, D. E. Rugh, W. S. Starkey August 1999 ACM SIGDOC Asterisk Journal of Computer Documentation, Volume 23 Issue 3 Full text available: pdf(3.80 MB) Additional Information: full citation, index terms	S
35	BrouHaHa- A portable Smalltalk interpreter Eliot Miranda	35/
	December 1987 ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications, Volume 22 Issue 12 Full text available: pdf(1.10 MB) Additional Information: full citation, abstract, references, citings, index terms	
	BrouHaHa is a portable implementation of the Smalltalk-80 virtual machine interpreter. It is a more efficient redesign of the standard Smalltalk specification, and is tailored to suit conventional 32 bit microprocessors. This paper presents the major design changes and optimization techniques used in the BrouHaHa interpreter. The interpreter runs at 30% of the speed of the Dorado on a Sun 3/160 workstation. The implementation is portable because it is written in C.	
36	Replicated distributed programs Eric C. Cooper	2.83
	December 1985 ACM SIGOPS Operating Systems Review , Proceedings of the tenth ACM symposium on Operating systems principles , Volume 19 Issue 5 Full text available: pdf(1.12 MB) Additional Information: full citation, references, citings, index terms	
37.	Anytime, anywhere: modal logics for mobile ambients Luca Cardelli, Andrew D. Gordon January 2000 Proceedings of the 27th ACM SIGPLAN-SIGACT symposium on Principles of	5,50
	programming languages	
	Full text available: pdf(1.56 MB) Additional Information: full citation, abstract, references, citings, index terms The Ambient Calculus is a process calculus where processes may reside within a hierarchy of locations and modify it. The purpose of the calculus is to study mobility, which is seen as the change of spatial configurations over time. In order to describe properties of mobile computations we devise a modal logic that can talk about space as well as time, and that has the Ambient Calculus as a model.	

3 of 4

A DA DTAT	scribe (Full Service) Register (Limited Service, Free) Login
Sea Sea	rch: The ACM Digital Library C The Guide
US Patent & Trademark Office (nul	ll or fake or false or dummy or empty or invisible) and pack
	Feedback Report a problem Satisfaction survey
Terms used <u>null</u> or <u>fake</u> or <u>false</u> or <u>dummy</u> or <u>empty</u> or <u>invis</u>	ible and packet Found 4,198 of 148,786
Sort results by relevance Sav	e results to a Binder Try an Advanced Search
Display results expanded form Sear	Try this search in The ACM Guide on results in a new window
	previous 1 2 3 4 5 6 7 8 9 10 next
Best 200 shown	Relevance scale
41 Single-packet IP traceback Alex C. Snoeren, Craig Partridge, Luis A. S	Sanchez, Christine E. Jones, Fabrice Tchakountio, Beverly
Schwartz, Stephen T. Kent, W. Timothy S	
Full text available: pdf(528.41 KB) Add	litional Information: full citation, abstract, references, citings, index terms
the absence of any deliberate attempt techniques such as NAT and encapsula developed to determine the source of I	difficult to reliably identify the originator of an IP packet. Even in to disguise a packet's origin, widespread packet forwarding tion may obscure the packet's true source. Techniques have been large packet flows, but, to date, no system has been presented to scalable fashion. We present a hash-based techn
Keywords : IP traceback, computer ne (DoS), network fault diagnosis, wide-a	etwork management, computer network security, denial of service rea networks (WANs)
E. Kohlbecker, D. Oxley, K. M. Pitman, G. September 1998 ACM SIGPLAN Notices	K. Dybvig, D. P. Friedman, R. Halstead, C. Hanson, C. T. Haynes, J. Rozas, G. L. Steele, G. J. Sussman, M. Wand, H. Abelson
	<u>`</u>
43 <u>Draft Proposed: American National Sta</u> Technical Committee X3H3 - Computer Gr	
February 1984 ACM SIGGRAPH Computer	
<u> </u>	litional Information: <u>full citation</u>
	_
scenes	visibility preprocessing for walkthroughs of complex urban
JunHyeok Heo, Jaeho Kim, KwangYun Wo October 2000 Proceedings of the ACM s	nn symposium on Virtual reality software and technology
Full text available: pdf(1.51 MB) Add	litional Information: full citation, abstract, references, citings
real-time, and so enhances the overall environments. In this paper, we propo- method is able to handle more general	hod to reduce the complexity of scenes to be processed in rendering performance for interactive visualization of virtual se an efficient visibility preprocessing method. The proposed environments, like urban environments, and remove invisible coluders. The proposed method requires O(nm) time and O
Keywords: Conservative Visibility, Oc	clusion Culling, Visibility Determination, Visibility Preprocessing
45 A distributed routing algorithm for mob	pile wireless networks
M. Scott Corson, Anthony Ephremides February 1995 Wireless Networks, Volu	
	litional Information: full citation, abstract, references, citings, index terms
intended for use in networks where the only possible routing method, but not s	uting protocol for mobile packet radio networks. The protocol is a rate of topological change is not so fast as to make "flooding" the so slow as to make one of the existing protocols for a nearly-static thm adapts asynchronously in a distributed fashion to arbitrary

38	Efficient alg	porithms for perform	ning packet broad	casts in a mesl	network			- Contract
Eytan Modiano, Anthony Ephremides August 1996 IEEE/ACM Transactions on Networking (TON), Volume 4 Issue 4						•		
		ble: pdf(1.14 MB)			eferences, index term	<u>s</u>	• 1	
							,	
39	Formal spe	cification and desig	n of a message r	outer			•	
	Christian Cre	eveuil, Gruia-Catalin I ACM Transactions	Roman		dethodology (TC	OSEM), V	olume 3 Issi	ue
	Full text availa	ble: pdf(2.49 MB)	Additional Inform	nation: full citation, a	bstract, references, c	itings, index t	terms, review	
	are guara UNITY-st methodol	erivation refers to a fanteed to be correct by the specification refinded in the formal specification to the formal specification to the formal specification.	by construction. On ement) has been raimed at facilitation	ly limited indust eported in the lit g their application	rial use of such te erature, and thero on to complex pro	chniques (e is a great blems. This	e.g., t need for	,
	Keyword	is : UNITY, formal me	thods, program de	rivation, specific	ation refinement	••		,
40	Soo-Mook M	g nonnumerical cod oon, Kemal Ebcioğlu 97 ACM Transactio Issue 6					Volume 19	- 1
	Full text availa	ble: pdf(543.93 KB)	Additional Inform	nation: full citation, a	bstract, references, c	itings, index t	terms	
	its irregul "selective schedulin	on-level parallelism (I larity. In this article, e scheduling" which ca ig can compute a wid g and forward-substitu	we introduce a new an be used as a co e set of independe	v code-schedulin mponent for sup nt operations acr	g technique for in erscalar and VLIW	regular ILP / compilers	called S. Selective	
		ds : VLIW, global instr ve code motion, supe		instruction-level	parallelism, softv	vare pipelir	ning,	
Re	esults 21 - 40	of 200	Result page:	previous 1 2	<u>3 4 5 6 7</u>	<u>8 9 10</u>	next	,
		The ACM Portal is publis	shed by the Association ns of Usage Privacy F			2005 ACM, In	c.	•
		Useful downloads: A	dobe Acrobat Q Qu	ickTime Windo	ws Media Player	Real Playe	<u>ər</u>	

changes in topology in the absence of global topological knowle ... 46 Typed representation of objects by functions J. Steensgaard-Madsen January 1989 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 11 Issue 1 Full text available: pdf(1.55 MB) Additional Information: full citation, abstract, references, index terms A systematic representation of objects grouped into types by constructions similar to the composition of sets in mathematics is proposed. The representation is by lambda expressions, which supports the representation of objects from function spaces. The representation is related to a rather conventional language of type descriptions in a way that is believed to be new. Ordinary control-expressions (i.e.,caseand let-expressions) are derived from the proposed representation. 47 Transaction papers: Formal specification and verification of safety and performance of TCP selective acknowledgment Mark A. Smith, K. K. Ramakrishnan April 2002 IEEE/ACM Transactions on Networking (TON), Volume 10 Issue 2 Full text available: pdf(505.58 KB) Additional Information: full citation, abstract, references, index terms We present a formal specification of the selective acknowledgment (SACK) mechanism that is being proposed as a new standard option for TCP. The formal specification allows one to reason about the SACK protocol; thus, we are able to formally prove that the SACK mechanism does not violate the safety properties (reliable, at most once, and in order message delivery) of the acknowledgment (ACK) mechanism that is currently used with TCP. The new mechanism is being proposed to improve the performance ... Keywords: I/O automata, TCP SACK, TCP performance, congestion control, formal verification 48 Revised report on the algorithmic language scheme J Rees, W Clinger December 1986 ACM SIGPLAN Notices, Volume 21 Issue 12 Additional Information: full citation, citings, index terms Full text available: pdf(4.06 MB) 49 A practical soft type system for Scheme Andrew K. Wright, Robert Cartwright July 1994 ACM SIGPLAN Lisp Pointers, Proceedings of the 1994 ACM conference on LISP and functional programming, Volume VII Issue 3 Additional Information: full citation, abstract, references, citings, index terms Full text available: pdf(1.36 MB) Soft typing is a generalization of static type checking that accommodates both dynamic typing and static typing in one framework. A soft type checker infers types for identifiers and inserts explicit run-time checks to transform untypable programs into typable form. Soft Scheme is a practical soft type system for R4RS Scheme. The type checker uses a representation for types that is expressive, easy to interpret, and supports efficient type inference. Soft S ... 50 Adaptive packet routing for bursty adversarial traffic William Aiello, Eyal Kushilevitz, Rafail Ostrovsky, Adi Rosén May 1998 Proceedings of the thirtieth annual ACM symposium on Theory of computing Additional Information: full citation, references, citings, index terms Full text available: pdf(1.46 MB)

51 Efficient filtering of XML documents with XPath expressions

C.-Y. Chan, P. Felber, M. Garofalakis, R. Rastogi

December 2002 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 11 Issue 4

Full text available: pdf(383.34 KB)

Additional Information: full citation, abstract, index terms

The publish/subscribe paradigm is a popular model for allowing publishers (i.e., data generators) to selectively disseminate data to a large number of widely dispersed subscribers (i.e., data consumers) who have registered their interest in specific information items. Early publish/subscribe systems have typically relied on simple subscription mechanisms, such as keyword or "bag of words" matching, or simple comparison predicates on attribute values. The emergence of XML as a standar ...

Keywords: Data dissemination, Document filtering, Index structure, XML, XPath

52	52 Modeling deflection networks: design and specification		
	Nobuyuki Nezu, Huizhu Lu February 1999 Proceedings of the 1999 ACM symposium on Applied computing		
	Full text available: pdf(933.04 KB) Additional Information: full citation, references, index terms		
	Keywords: deflection, network, routing, specification		
53	Lock-free reference counting David L. Detlefs, Paul A. Martin, Mark Moir, Guy L. Steele August 2001 Proceedings of the twentieth annual ACM symposium on Principles of distributed computing Full text available: Ddf(802.52 KB) Additional Information: full citation, abstract, references, citings, index terms	64.	
	Assuming the existence of garbage collection makes it easier to design implementations of concurrent data structures. However, this assumption limits their applicability. We present a methodology that, for a significant class of data structures, allows designers to first tackle the easier problem of designing a garbage-collection-dependent implementation, and then apply our methodology to achieve a garbage-collection-independent one. Our methodology is based on the well-known reference counti		
54	Detection: On scalable attack detection in the network Ramana Rao Kompella, Sumeet Singh, George Varghese October 2004 Proceedings of the 4th ACM SIGCOMM conference on Internet measurement Full text available: pdf(405.42 KB) Additional Information: full citation, abstract, references, index terms Current intrusion detection and prevention systems seek to detect a wide class of network intrusions (e.g., DoS attacks, worms, port scans) at network vantage points. Unfortunately, all the IDS systems we know of keep per-connection or per-flow state. Thus it is hardly surprising that IDS systems (other than signature detection mechanisms) have not scaled to multi-gigabit speeds. By contrast, note that both router lookups and fair queuing have scaled to high speeds using <i>aggregation< Keywords: denial of service, scalability, security</i>		
55	Specifying Concurrent Program Modules Leslie Lamport April 1983 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 5 Issue 2 Full text available: pdf(2.03 MB) Additional Information: full citation, references, citings, index terms	leren.	
56	A SAT-based network access scheme for fairness in high speed networks Bhargav R. Bellur, Galen H. Sasaki June 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 3 Full text available: pdf(458.24 KB) Additional Information: full citation, references, index terms Keywords: MetaRing, access delay, distributed algorithms, fairness, high speed network, network		
57	A pseudo-machine for packet monitoring and statistics R. T. Braden August 1988 ACM SIGCOMM Computer Communication Review , Symposium proceedings on Communications architectures and protocols, Volume 18 Issue 4 Full text available: pdf(962.06 KB) Additional Information: full citation, abstract, references, citings, index terms This paper concerns the design of a flexible and efficient packet monitoring program for analyzing traffic patterns and gathering statistics on a packet network. This monitor operates in real time, using an analyzer which is an interpretive pseudo-machine driving object-oriented data collection programs. The pseudo-program for the interpreter is "compiled" from configuration commands written in a monitoring control language.	হ জ	
58	Status report of the graphic standards planning committee Computer Graphics staff August 1979 ACM STGGRAPH Computer Graphics Volume 13 Issue 3	NA.	

Full text available: pdf(15.01 MB)

Additional Information: full citation, references, citings

59 Extending Java for high-level Web service construction

Aske Simon Christensen, Anders Møller, Michael I. Schwartzbach

November 2003 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 25

Issue 6

Full text available: pdf(947.02 KB)

Additional Information: full citation, abstract, references, citings, index terms

We incorporate innovations from the
bigwig> project into the Java language to provide high-level features for Web service programming. The resulting language, JWIG, contains an advanced session model and a flexible mechanism for dynamic construction of XML documents, in particular XHTML. To support program development we provide a suite of program analyses that at compile time verify for a given program that no runtime errors can occur while building documents or receiving form input, and ...

Keywords: Interactive Web services, XML, data-flow analysis

60 An architecture for secure wide-area service discovery

Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Randy H. Katz March 2002 Wireless Networks, Volume 8 Issue 2/3

Full text available: pdf(365.68 KB)

Additional Information: full citation, abstract, references, index terms

The widespread deployment of inexpensive communications technology, computational resources in the networking infrastructure, and network-enabled end devices poses an interesting problem for end users: how to locate a particular network service or device out of hundreds of thousands of accessible services and devices. This paper presents the architecture and implementation of a secure wide-area Service Discovery Service (SDS). Service providers use the SDS to advertise descriptions of available ...

Keywords: location services, name lookup, network protocols, service discovery

Results 41 - 60 of 200

Result page: <u>previous</u> <u>1</u> <u>2</u> **3** <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>

The ACM Portal is published by the Association for Computing Machinery. Copyright @ 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

	â Dead Tai	Subscribe (Full Service) Register (Limited Service, Free) Login		
(US Patent & Trademark Office	Search: © The ACM Digital Library C The Guide extension header SEARCH		
		· ·		
	Francisco (State Control of Contr	Feedback Report a problem Satisfaction survey		
Ten	ms used <u>extension</u> <u>header</u>	Found 32,086 of 148,786		
	play results expanded form	Save results to a Binder Try an Advanced Search Try this search in The ACM Guide Open results in a new window		
Results 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next Rest 200 shows Relevance scale Relevance scale				
1	similarities when observed from the	nications ic J. Travis Volume 3 Issue 5 Additional Information: full citation, abstract, references, citings, index terms ment and mobile and wireless communication environments show many ne perspective of a transport protocol. Both types of environments		
	exhibit loss caused by data corrup	otion and link outage, in addition to congestion-related loss. The environments are also similar—power, weight, and physical volume of Finally, it is not uncommon for communication channel data ra		
	TCP extensions for space commu Robert C. Durst, Gregory J. Miller, Er November 1996 Proceedings of the networking Full text available: pdf(1.58 MB)	ic J. Travis 2 2nd annual international conference on Mobile computing and Additional Information: full citation, references, citings, index terms		
3	Robin Kravets, Casev Carter, Luiz Ma	ons to the internet: A cooperative approach to user mobility agalhães puter Communication Review, Volume 31 Issue 5 Additional Information: <u>full citation</u> , abstract, references		
	a MOPED, which appears as a sin- directed to this point of presence.	that treats a user's set of personal devices as a MObile grouPEd Device, gle entity to the rest of the Internet. All communication for a user is . As the user moves through different environments, the devices h access to all available communication resources. We present the basic y to enable the operation of MOPEDs and their integrati		
4	Performance: Clarifying the funda Jeffery C. Mogul			
	May 2002 Proceedings of the electric text available: pdf(157.39 KB)	eventh international conference on World Wide Web Additional Information: full citation, abstract, references, citings, index terms		
	The simplicity of HTTP was a majits uses have evolved, HTTP has confused implementors, interope	or factor in the success of the Web. However, as both the protocol and grown complex. This complexity results in numerous problems, including rability failures, difficulty in extending the protocol, and a long nented rationale. Many of the problems with HTTP can be traced to mental definitions and models. This paper analyzes the current (HTTP		
	Keywords: HTTP, protocol desig	n		
5	Low-loss TCP/IP header compre Mikael Degermark, Mathias Engan, I October 1997 Wireless Networks,	Björn Nordgren, Stephen Pink		
	Full text available: pdf(534.08 KB)	vay to connect mobile computers to the Internet and other networks. The		
	bandwidth of wireless links will p regulatory limits on the use of fronetwork protocols to utilize the a	robably always be limited due to properties of the physical medium and equencies for radio communication. Therefore, it is necessary for equalible bandwidth efficiently. Headers of IP packets are growing and the inches in increasing. With the coming of I		

6 Principled design of the modern Web architecture

Roy T. Fielding, Richard N. Taylor

May 2002 ACM Transactions on Internet Technology (TOIT), Volume 2 Issue 2

Full text available: pdf(335.47 KB)

Additional Information: full citation, abstract, references, citings, index terms

The World Wide Web has succeeded in large part because its software architecture has been designed to meet the needs of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes scalability of component interactions, generality of interfaces, independent deployment of components, and intermediary components to reduce interaction latency, enforce security, and encapsulate legacy systems. In this article we introduce the Representational State Transfer (REST) arc

Keywords: Network-based applications, REST, World Wide Web

7 Technical papers: 4+4: an architecture for evolving the Internet address space back toward transparency

Zoltán Turányi, András Valkó, Andrew T. Campbell

October 2003 ACM SIGCOMM Computer Communication Review, Volume 33 Issue 5

Full text available: pdf(521.88 KB)

Additional Information: full citation, abstract, references

We propose 4+4, a simple address extension architecture for Internet that provides an evolutionary approach to extending the existing IPv4 address space in comparison to more complex and disruptive approaches best exemplified by IPv6 deployment. The 4+4 architecture leverages the existence of Network Address Translators (NATs) and private address realms, and importantly, enables the return to end-to-end address transparency as the incremental deployment of 4+4 progresses. During the transition t ...

8 Write barrier removal by static analysis

Karen Zee, Martin Rinard

November 2002 ACM SIGPLAN Notices, Proceedings of the 17th ACM SIGPLAN conference on
Object-oriented programming, systems, languages, and applications, Volume 37
Issue 11

Full text available: pdf(396.83 KB)

Additional Information: full citation, abstract, references, citings, index terms

We present a new analysis for removing unnecessary write barriers in programs that use generational garbage collection. To our knowledge, this is the first static program analysis for this purpose. Our algorithm uses a pointer analysis to locate assignments that always create a reference from a younger object to an older object, then transforms the program to remove the write barriers normally associated with such assignments. We have implemented two transformations that reorder object allocatio ...

Keywords: generational garbage collection, pointer analysis, program analysis, write barriers

9 The AED free storage package

Douglas T. Ross

August 1967 Communications of the ACM, Volume 10 Issue 8

Full text available: pdf(1.55 MB)

Additional Information: full citation, abstract, references, citings, index terms

The most fundamental underlying problem in sophisticated software systems involving elaborate, changing data structure is dynamic storage allocation for flexible problem modeling. The Free Storage Package of the AED-1 Compiler System allows blocks of available storage to be obtained and returned for reuse. The total available space is partitioned into a hierarchy of free storage zones, each of which has its own characteristics. Blocks may be of any size, and special provisions allow efficie ...

10 Low-loss TCP/IP header compression for wireless networks

Mikael Degermark, Mathias Engan, Björn Nordgren, Stephen Pink

November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking

Full text available: pdf(1.51 MB)

Additional Information: full citation, references, citings, index terms

11 IP next generation overview

Robert M. Hinden

June 1996 Communications of the ACM, Volume 39 Issue 6

Full text available: pdf(610.92 KB)

Additional Information: full citation, references, index terms, review

12 A unified header compression framework for low-bandwidth links

Jeremy Lilley, Jason Yang, Hari Balakrishnan, Srinivasan Seshan

August 2000 Proceedings of the 6th annual international conference on Mobile computing and networking

Full text available: pdf(1.35 MB)

Additional Information: full citation, abstract, references, citings, index terms

Compressing protocol headers has traditionally been an attractive way of conserving bandwidth over low-speed links, including those in wireless systems. However, despite the growth in recent years in the number of end-to-end protocols beyond TCP/IP, header compression deployment for those protocols has not kept pace. This is in large part due to complexities in implementation, which often requires a detailed knowledge of kernel internals, and a lack of a common way of pursuing the general p ...

13 Architecture and performance of server-directed transcoding

Björn Knutsson, Honghui Lu, Jeffrey Mogul, Bryan Hopkins

November 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 4

Full text available: pdf(927.92 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

Proxy-based transcoding adapts Web content to be a better match for client capabilities (such as screen size and color depth) and last-hop bandwidths. Traditional transcoding breaks the end-to-end model of the Web, because the proxy does not know the semantics of the content. Server-directed transcoding preserves end-to-end semantics while supporting aggressive content transformations. We show how server-directed transcoding can be integrated into the HTTP protocol and into the implementat ...

Keywords: HTTP, proxy, transcode, web

14 Separating access control policy, enforcement, and functionality in extensible systems

Robert Grimm, Brian N. Bershad

February 2001 ACM Transactions on Computer Systems (TOCS), Volume 19 Issue 1

Full text available: pdf(164.03 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

Extensible systems, such as Java or the SPIN extensible operating system, allow for units of code, or extensions, to be added to a running system in almost arbitrary fashion. Extensions closely interact through low-latency but type-safe interfaces to form a tightly integrated system. As extensions can come from arbitrary sources, not all of whom can be trusted to conform to an organization's security policy, such structuring raises the question of how security constraints are enforced in an ...

Keywords: Java, SPIN, access check, auditing, extensible systems, policy-neutral enforcement, protection domain, protection domain transfer, security policy

15 Storage protocol designs: A study of iSCSI extensions for RDMA (iSER)

Mallikarjun Chadalapaka, Hemal Shah, Uri Elzur, Patricia Thaler, Michael Ko

August 2003 Proceedings of the ACM SIGCOMM workshop on Network-I/O convergence: experience, lessons, implications

Full text available: pdf(281.32 KB)

Additional Information: full citation, abstract, references, index terms

The iSCSI protocol is the IETF standard that maps the SCSI family of application protocols onto TCP/IP enabling convergence of storage traffic on to standard TCP/IP fabrics. The ability to efficiently transfer and place the data on TCP/IP networks is crucial for this convergence of the storage traffic. The iWARP protocol suite provides Remote Direct Memory Access (RDMA) semantics over TCP/IP networks and enables efficient memory-to-memory data transfers over an IP fabric. This paper studies the ...

Keywords: DA, DDP, DI, Datamover, MPA, RDMA, RDMAP, SCSI, Verbs, iSCSI, iSER, iWARP

16 Integrating segmentation and paging protection for safe, efficient and transparent software extensions

Tzi-cker Chiueh, Ganesh Venkitachalam, Prashant Pradhan

December 1999 ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles , Volume 33 Issue 5

Full text available: pdf(1.54 MB)

Additional Information: full citation, abstract, references, citings, index terms

The trend towards extensible software architectures and component-based software development demands safe, efficient, and easy-to-use extension mechanisms to enforce protection boundaries among software modules residing in the same address space. This paper describes the design, implementation, and evaluation of a novel intra-address space protection mechanism called *Palladium*, which exploits the segmentation and paging hardware in the Intel X86 architecture and efficiently supports safe ...

17 The intractability of bounded protocols for on-line sequence transmission over non-FIFO channels

Yishay Mansour, Baruch Schieber

October 1992 Journal of the ACM (JACM), Volume 39 Issue 4

Full text available: pdf(1.33 MB)

Additional Information: full citation, abstract, references, citings, index terms

1/28/05 1:27 PM

The efficiency of data-link protocols for reliable transmission of a sequence of messages over non-FIFO physical channels is discussed. The transmission has to be on-line; i.e., a message cannot be accessed by the transmitting station before the preceding message has been received. Three resources are considered: The number of packets that have to be sent, the number of headers, and the amount of space required by the protocol. Three lower bounds are proved. First, the space required by any ...

Keywords: data link, lower bound, non-FIFO channels, sequence transmission

18 Quality of service: Towards context-aware adaptable web services

Markus Keidl, Alfons Kemper

Proceedings of the 13th international World Wide Web conference on Alternate track May 2004 papers & posters

Full text available: pdf(142.73 KB)

Additional Information: full citation, abstract, references, index terms

In this paper, we present a context framework that facilitates the development and deployment of context-aware adaptable Web services. Web services are provided with context information about clients that may be utilized to provide a personalized behavior. Context is extensible with new types of information at any time without any changes to the underlying infrastructure. Context processing is done by Web services, context plugins, or context services. Context plugins and context services pre- a ...

Keywords: automatic context processing, context, extensibility, extensible framework, information services, service platform, web services

19 Fast and flexible application-level networking on exokernel systems

Gregory R. Ganger, Dawson R. Engler, M. Frans Kaashoek, Héctor M. Briceño, Russell Hunt, Thomas

February 2002 ACM Transactions on Computer Systems (TOCS), Volume 20 Issue 1

Full text available: pdf(500.67 KB)

Additional Information: full citation, abstract, references, citings, index terms

Application-level networking is a promising software organization for improving performance and functionality for important network services. The Xok/ExOS exokernel system includes application-level support for standard network services, while at the same time allowing application writers to specialize networking services. This paper describes how Xok/ExOS's kernel mechanisms and library operating system organization achieve this flexibility, and retrospectively shares our experiences an ...

Keywords: Extensible systems, OS structure, fast servers, network services

20 The intractability of bounded protocols for non-FIFO channels

Y. Mansour, B. Schieber

Proceedings of the eighth annual ACM Symposium on Principles of distributed June 1989 computing

Full text available: pdf(1.31 MB)

Additional Information: full citation, references, citings, index terms

Results 1 - 20 of 200

Result page: 1 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

Subscribe (Full Service) Register (Limited Service, Free) Login Search: The ACM Digital Library C The Guide
US Patent & Trademark Office extension header
Feedback Report a problem Satisfaction survey
Terms used extension header Found 32,086 of 148,786
Sort results by relevance Save results to a Binder Try an Advanced Search Try this search in The ACM Guide Search Tips Open results in a new window
Results 21 - 40 of 200 Result page: <u>previous</u> <u>1</u> 2 <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>next</u> Relevance scale
Eddie Kohler, M. Frans Kaashoek, David R. Montgomery August 1999 ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication, Volume 29 Issue 4 Full text available: pdf(1.23 MB) Additional Information: full citation, abstract, references, citings, index terms Prolac is a new statically-typed, object-oriented language for network protocol implementation. It is designed for readability, extensibility, and real-world implementation; most previous protocol languages, in contrast, have been based on hard-to-implement theoretical models and have focused on verification. We present a working Prolac TCP implementation directly derived from 4.4BSD. Our implementation is modularprotocol processing is logically divided into minimally-interacting pieces; read
22 Content-triggered trust negotiation Adam Hess, Jason Holt, Jared Jacobson, Kent E. Seamons August 2004 ACM Transactions on Information and System Security (TISSEC), Volume 7 Issue 3 Full text available: pdf(815.36 KB) Additional Information: full citation, abstract, references, index terms The focus of access control in client/server environments is on protecting sensitive server resources by determining whether or not a client is authorized to access those resources. The set of resources is usually static, and an access control policy associated with each resource specifies who is authorized to
access the resource. In this article, we turn the traditional client/server access control model on its head and address how to protect the sensitive content that clients disclose to and r Keywords: Trust negotiation, access control, authentication, credentials
23 The click modular router Eddie Kohler, Robert Morris, Benjie Chen, John Jannotti, M. Frans Kaashoek August 2000 ACM Transactions on Computer Systems (TOCS), Volume 18 Issue 3
Full text available: pdf(376.31 KB) Additional Information: full citation, abstract, references, citings, index terms
Clicks is a new software architecture for building flexible and configurable routers. A Click router is assembled from packet processing modules called elements. Individual elements implement simple router functions like packet classification, queuing, scheduling, and interfacing with network devices. A router configurable is a directed graph with elements at the vertices; packets flow along the edges of the graph. Several features make individual elements more powerful and
Keywords : component systems, routers, software router performance
24 Potential benefits of delta encoding and data compression for HTTP Jeffrey C. Mogul, Fred Douglis, Anja Feldmann, Balachander Krishnamurthy October 1997 ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication, Volume 27 Issue 4 Full text available: pdf(2.00 MB) Additional Information: full citation, abstract, references, citings, index terms Caching in the World Wide Web currently follows a naive model, which assumes that resources are referenced many times between changes. The model also provides no way to update a cache entry if a resource does change, except by transferring the resource's entire new value. Several previous papers
have proposed updating cache entries by transferring only the differences, or "delta," between the cached entry and the current value. In this paper, we make use of dynamic traces of the full contents of

1 of 4

25 Bidirectional object layout for separate compilation

Andrew C. Myers

October 1995 ACM SIGPLAN Notices, Proceedings of the tenth annual conference on
Object-oriented programming systems, languages, and applications, Volume 30 Issue

Full text available: pdf(1.87 MB)

Additional Information: full citation, abstract, references, citings, index terms

Existing schemes for object layout and dispatch in the presence of multiple inheritance and separate compilation waste space and are slower than systems with single inheritance. This paper describes the bidirectional object layout, a new scheme for object layout that produces smaller objects and faster method invocations than existing schemes by automatically optimizing particular uses of multiple inheritance. The bidirectional object layout is used for the programming language Theta, and ...

26 Routing: Implicit source routes for on-demand ad hoc network routing

Yih-Chun Hu, David B. Johnson

October 2001 Proceedings of the 2nd ACM international symposium on Mobile ad hoc networking & computing

Full text available: pdf(175.52 KB)

Additional Information: full citation, abstract, references, citings, index terms

In an ad hoc network, the use of *source routing* has many advanctages, including simplicity, correctness, and flexibility. For example, all routing decisions for a packet are made by the sender of the packet, avoiding the need for up-to-date routing information at intermediate nodes and allowing the routes used to be trivially guaranteed loop-free. It is also possible for the sender to use different routes for different packets, without requiring coordination or explicit support by the lmt ...

27 How to write system-specific, static checkers in metal

Benjamin Chelf, Dawson Engler, Seth Hallem

November 2002 ACM SIGSOFT Software Engineering Notes , Proceedings of the 2002 ACM SIGPLAN-SIGSOFT workshop on Program analysis for software tools and engineering, Volume 28 Issue 1

Full text available: pdf(190.85 KB)

Additional Information: full citation, references, index terms

28 Developments in simulation and instrumentation: Topology discovery for public IPv6 networks

Daniel G. Waddington, Fangzhe Chang, Ramesh Viswanathan, Bin Yao

July 2003 ACM SIGCOMM Computer Communication Review, Volume 33 Issue 3

Full text available: pdf(182.34 KB)

Additional Information: full citation, abstract, references, index terms

In just three decades the Internet has grown from a small experimental research network into a complex network of routers, switches, and hosts. Understanding the topology of such large scale networks is essential to the procurement of good architectural design decisions, particularly with respect to address allocation and distribution schemes. A number of techniques for IPv4 network topology already exist. Of these ICMP-based probing has shown to be most useful in determining router-level topolog ...

Keywords: IPv6, IPv6 network topology discovery, network measurement, network probing, topology inference

29 Language-based security: SELF: a transparent security extension for ELF binaries

Daniel C. DuVarney, V. N. Venkatakrishnan, Sandeep Bhatkar

August 2003 Proceedings of the 2003 workshop on New security paradigms

Full text available: pdf(1.05 MB)

Additional Information: full citation, abstract, references

The ability to analyze and modify binaries is often very useful from a security viewpoint. Security operations one would like to perform on binaries include the ability to extract models of program behavior and insert inline reference monitors. Unfortunately, the existing manner in which binary code is packaged prevents even the simplest of analyses, such as distinguishing code from data, from succeeding 100 percent of the time. In this paper, we propose SELF, a security-enhanced ELF (Executable ...

30 A client-based transaction system to maintain data integrity

William H. Paxton

December 1979 Proceedings of the seventh ACM symposium on Operating systems principles

Full text available: pdf(564.24 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper describes a technique for maintaining data integrity that can be implemented using capabilities typically found in existing file systems. Integrity is a property of a total collection of data. It cannot be maintained simply by using reliable primitives for reading and writing single units—the relations between the units are important also. The technique suggested in this paper ensures that data integrity will not be lost as a result of simultaneous access or as a result of ...

31 Global value numbers and redundant computations

B. K. Rosen, M. N. Wegman, F. K. Zadeck

January 1988 Proceedings of the 15th ACM SIGPLAN-SIGACT symposium on Principles of programming languages

Full text available: pdf(1.96 MB)

Additional Information: full citation, references, citings, index terms

32 Services: A mobility-aware broadcasting infrastructure for a wireless internet with hotspots Cristian Hesselman, Henk Eertink, Ing Widya, Erik Huizer

September 2003 Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots

Full text available: pdf(292.13 KB)

Additional Information: full citation, abstract, references, index terms

In this paper, we consider the problem of adaptively delivering live multimedia broadcasts (e.g., for applications such as TV, radio, or e-cinema) to a potentially large number of mobile hosts that roam about in a wireless internet with hotspots. We take a user-oriented approach based on an application-level delivery infrastructure consisting of and managed by (value-added) service providers. The service providers are mobility-aware and offer broadcasts in configurations that are optimized for w

Keywords: hotspots/overlays, mobility, multimedia broadcasting, negotiation

33 NLH/E: a natural language help system

Walter F. Tichy, Rolf L. Adams, Lars Holter

May 1989 Proceedings of the 11th international conference on Software engineering

Full text available: pdf(1.15 MB)

Additional Information: full citation, references, citings, index terms

Keywords: artificial intelligence, caseframe parsing, help systems, natural language processing, software engineering, software reuse

34 Mobility support in IPv6

Charles E. Perkins, David B. Johnson

November 1996 Proceedings of the 2nd annual international conference on Mobile computing and networking

Full text available: pdf(1.37 MB)

Additional Information: full citation, references, citings, index terms

35 Session 4: Web service applications: Towards securing XML Web services

Ernesto Damiani, Sabrina De Capitani di Vimercati, Pierangela Samarati

November 2002 Proceedings of the 2002 ACM workshop on XML security

Full text available: pdf(198.65 KB)

Additional Information: full citation, abstract, references, citings, index terms

Security is currently one of the main concerns about XML Web services. Several initiatives are currently ongoing aimed at achieving a standardized way for supporting integrity, confidentiality, and access control for XML Web services. This paper looks into these approaches and gives some hints for future research.

Keywords: SOAP, Web services, access control

36 HTTP Cookies: Standards, privacy, and politics

David M. Kristol

November 2001 ACM Transactions on Internet Technology (TOIT), Volume 1 Issue 2

Full text available: pdf(390.38 KB)

Additional Information: full citation, abstract, references, citings, index terms

How did we get from a world where cookies were something you ate and where "nontechies" were unaware of "Netscape cookies" to a world where cookies are a hot-button privacy issue for many computer users? This article describes how HTTP "cookies" work and how Netscape's original specification evolved into an IETF Proposed Standard. I also offer a personal perspective on how what began as a straightforward technical specification turned into a political flashpoint when it tried to address nontechn

Keywords: Cookies, HTTP, World Wide Web, privacy, state management

37 Ubiquitous WWW: Profiles for the situated web

Lalitha Suryanarayana, Johan Hjelm

May 2002 Proceedings of the eleventh international conference on World Wide Web

Full text available: pdf(263.89 KB)

Additional Information: full citation, abstract, references, index terms

The World Wide Web is evolving into a medium that will soon make it possible for conceiving and implementing situation-aware services. A situation-aware or situated web application is one that renders the user with an experience (content, interaction and presentation) that is so tailored to his/her current situation. This requires the facts and opinions regarding the context to be communicated to the server by means of a profile, which is then applied against the description of the application o ...

Keywords: CC/PP, XML, profiles, situated-aware applications, vocabulary, web architecture

38 Web and e-business application: User adaptive content delivery mechanism on the world wide web

Tadashi Nakano, Kaname Harumoto, Shinji Shimojo, Shojiro Nishio

March 2002 Proceedings of the 2002 ACM symposium on Applied computing

Full text available: pdf(1.00 MB)

Additional Information: full citation, abstract, references, index terms

To reduce the user-perceived latency in web content delivery, many techniques have been proposed. One is a transmission time control mechanism that automatically adjusts the quality of inline objects, such as images on a web page, according to the client network bandwidth. Another is a transmission order control mechanism that can transmit inline objects in a specified order preferred by users. In this paper, we describe the development of a user adaptive content delivery mechanism that integrat ...

Keywords: HTTP extension, WWW, content adaptation, content delivery, quality of service, transmission order control, transmission time control, user profile

39 Infastructure for implementation: Adapting databases and WebDAV protocol

Bita Shadgar, Ian Holyer

May 2004 Proceedings of the 13th international conference on World Wide Web

Full text available: pdf(253.41 KB)

Additional Information: full citation, abstract, references, index terms

The ability of the Web to share data regardless of geographical location raises a new issue called remote authoring. With the Internet and Web browsers being independent of hardware, it becomes possible to build Web-enabled database applications. Many approaches are provided to integrate databases into the Web environment, which use the Web's protocol i.e. HTTP to transfer the data between clients and servers. However, those methods are affected by the HTTP shortfalls with regard to remote autho ...

40 Safely executing untrusted code: Upgrading transport protocols using untrusted mobile code Parveen Patel, Andrew Whitaker, David Wetherall, Jay Lepreau, Tim Stack

October 2003 Proceedings of the nineteenth ACM symposium on Operating systems principles

Full text available: pdf(248.86 KB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper, we present STP, a system in which communicating end hosts use untrusted mobile code to remotely upgrade each other with the transport protocols that they use to communicate. New transport protocols are written in a type-safe version of C, distributed out-of-band, and run in-kernel. Communicating peers select a transport protocol to use as part of a TCP-like connection setup handshake that is backwards-compatible with TCP and incurs minimum connection setup latency. New transports ...

Keywords: TCP-friendliness, deployment, implementation, transport protocols, untrusted mobile code

Results 21 - 40 of 200

Result page: <u>previous</u> 1 2 3 4 5 6 7 8 9 10 <u>next</u>

The ACM Portal is published by the Association for Computing Machinery. Copyright @ 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

Subscribe (Full Service) Register (Limited Service, Free) Login
PRTAL Search: © The ACM Digital Library C The Guide
US Patent & Trademark Office extension header
Feedback Report a problem Satisfaction survey
Terms used extension header Found 32,086 of 148,786
Sort results by relevance Save results to a Binder Try an Advanced Search Try this search in The ACM Guide Display results expanded form Open results in a new window
Results 41 - 60 of 200 Result page: <u>previous</u> <u>1</u> <u>2</u> 3 <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>next</u> Best 200 shown
41 Link layer retransmission schemes for circuit-mode data over the CDMA physical channel Mooi Choo Chuah, Bharat Doshi, Subra Dravida, Richard Ejzak, Sanjiv Nanda October 1997 Mobile Networks and Applications, Volume 2 Issue 2
Full text available: pdf(460.82 KB) Additional Information: full citation, abstract, references, index terms
In the last few years, wide-area data services over North American digital (TDMA and CDMA) cellular networks have been standardized. The standards were developed under three primary constraints: (i) compatibility with existing land-line standards and systems, (ii) compatibility with existing cellular physical layer standards that are optimized for voice, and (iii) market demands for quick solutions. In particular, the IS-95 CDMA air interface standard permits multiplexing of primary traffic
42 Papers: Notes on the use of RTP for shared workspace applications Colin Perkins, Jon Crowcroft
April 2000 ACM SIGCOMM Computer Communication Review, Volume 30 Issue 2 Full text available: pdf(599.92 KB) Additional Information: full citation, abstract, references, citings
The Real-time Transport Protocol, RTP, has become the dominant protocol for streaming audio and video in IP-based environments. A number of proposals have been made which attempt to build on this success and apply RTP for shared workspace applications. We discuss the needs of such applications and the features provided by RTP, with an aim to showing why RTP is not appropriate for such uses.
April 2002 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 6 Issue 2 Full text available: pdf(59.51 KB) Additional Information: full citation, index terms
Workload analysis: Characterization of a large web site population with implications for content delivery L. Bent, M. Rabinovich, G. M. Voelker, Z. Xiao May 2004 Proceedings of the 13th international conference on World Wide Web
Full text available: pdf(727.47 KB) Additional Information: full citation, abstract, references, index terms
This paper presents a systematic study of the properties of a large number of Web sites hosted by a major ISP. To our knowledge, ours is the first comprehensive study of a large server farm that contains thousands of commercial Web sites. We also perform a simulation analysis to estimate potential performance benefits of content delivery networks (CDNs) for these Web sites. We make several interesting observations about the current usage of Web technologies and Web site performance characteristi
Keywords : content distribution, cookie, http, measurement, performance, web caching, workload characterization
45 Speech I: Parsing spoken language: a semantic caseframe approach Philip J. Hayes, Alexander G. Hauptmann, Jaime G. Carbonell, Masaru Tomita August 1986 Proceedings of the 11th coference on Computational linguistics
Full text available: pdf(675.12 KB) Additional Information: full citation, abstract, references, citings
Parsing spoken input introduces serious problems not present in parsing typed natural language. In particular, indeterminacies and inaccuracies of acoustic recognition must be handled in an integral manner. Many techniques for parsing typed natural language do not adapt well to these extra demands. This paper describes an extension of semantic caseframe parsing to restricted-domain spoken input. The semantic caseframe grammar representation is the same as that used for earlier work on robust par

46 N for the price of 1: bundling web objects for more efficient content delivery Craig E. Wills, Mikhail Mikhailov, Hao Shang April 2001 Proceedings of the tenth international conference on World Wide Web Full text available: pdf(208.61 KB) Additional Information: full citation, references, citings, index terms Keywords: HTTP, delta encoding, persistent connections, web performance 47 BPF+: exploiting global data-flow optimization in a generalized packet filter architecture Andrew Begel, Steven McCanne, Susan L. Graham August 1999 ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication, Volume 29 Issue 4 Full text available: pdf(1.55 MB) Additional Information: full citation, abstract, references, citings, index terms A packet filter is a programmable selection criterion for classifying or selecting packets from a packet stream in a generic, reusable fashion. Previous work on packet filters falls roughly into two categories, namely those efforts that investigate flexible and extensible filter abstractions but sacrifice performance, and those that focus on low-level, optimized filtering representations but sacrifice flexibility. Applications like network monitoring and intrusion detection, however, requ ... 48 A third generation Smalltalk-80 implementation Patrick J. Caudill, Allen Wirfs-Brock June 1986 ACM SIGPLAN Notices, Conference proceedings on Object-oriented programming systems, languages and applications, Volume 21 Issue 11 Full text available: pdf(858.89 KB) Additional Information: full citation, abstract, references, citings, index terms A new, high performance Smalltalk-80™ implementation is described which builds directly upon two previous implementation efforts. This implementation supports a large object space while retaining compatibility with previous Smalltalk-80™ images. The implementation utilizes a interpreter which incorporates a generation based garbage collector and which does not have an object table. This paper describes the design decisions which lead to this implementation and reports preliminar ... 49 APL procedures (user defined operators, functions and token strings) Robert Hodgkinson May 1986 ACM SIGAPL APL Quote Quad, Proceedings of the international conference on APL, Volume 16 Issue 4 Full text available: pdf(817.35 KB) Additional Information: full citation, abstract, references, citings, index terms This paper describes some central aspects of an APL implementation on a Hewlett Packard Minicomputer. The development of these ideas led to an elegant, consistent underlying structure for all procedures, where a procedure is defined as a structured sequence of APL expressions, instances of which are niladic functions, ambivalent functions, monadic operators and dyadic operators. Further to this idea, the introduction of two new functions (tokenize and detokenize) and a single hyperoperator ... 50 Articles: The Deliberate Revolution Mike Burner March 2003 Queue, Volume 1 Issue 1 Full text available: pdf(326.81 KB) Additional Information: full citation, index terms html(64.11 KB) 51 Position paper: Internet VoD cache server design Carsten Griwodz, Michael Zink, Michael Liepert, Ralf Steinmetz October 1999 Proceedings of the seventh ACM international conference on Multimedia (Part 2) Full text available: pdf(500.15 KB) Additional Information: full citation, references, index terms Keywords: Internet, caching, video on demand 52 Storage protocol designs: NFS over RDMA Brent Callaghan, Theresa Lingutla-Raj, Alex Chiu, Peter Staubach, Omer Asad August 2003 Proceedings of the ACM SIGCOMM workshop on Network-I/O convergence: experience, lessons, implications Full text available: pdf(126.79 KB) Additional Information: full citation, abstract, references

The NFS filesystem was designed as a work-group filesystem, making a central file store available to and shared between a number of client workstations. However, more recently NFS has grown in popularity in the server room, connecting large application servers with back-end file servers. In this environment, where high-speed access to data is critical, high capacity interconnects like gigabit Ethernet, Fibre Channel and Infiniband are to be expected. With RDMA technology we can fully utilize the ...

53 FLIP: a flexible interconnection protocol for heterogeneous internetworking

Ignacio Solis, Katia Obraczka

August 2004 Mobile Networks and Applications, Volume 9 Issue 4

Full text available: pdf(549.43 KB)

Additional Information: full citation, abstract, references, index terms

This paper describes the Flexible Interconnection Protocol, or FLIP, whose main goal is to allow interconnection of heterogeneous devices with varying power, processing, and communication capabilities, ranging from simple sensors to more powerful computing devices such as laptops and desktops. The vision is that FLIP will be used to interconnect such devices forming clouds in the farthest branches/leaves of the Internet, while still providing connectivity with the existing IP-based Internet infr

Keywords: flexible headers, heterogeneous networks, optimized headers, sensor networks

54 An architecture for packet-striping protocols

Adiseshu Hari, George Varghese, Guru Parulkar

November 1999 ACM Transactions on Computer Systems (TOCS), Volume 17 Issue 4

Full text available: pdf(220.97 KB)

Additional Information: full citation, abstract, references, index terms, review

Link-striping algorithms are often used to overcome transmission bottlenecks in computer networks. Traditional striping algorithms suffer from two major disadvantages. They provide inadequate load sharing in the presence of variable-length packets, and may result in non-FIFO delivery of data. We describe a new family of link-striping algorithms that solves both problems. Our scheme applies to any layer that can provide multiple FIFO channels. We deal with variable-sized packets by showing h ...

Keywords: causal fair queuing, fair queuing, load sharing, multilink PPP, packet striping, stripe protocol, striping

55 NIFDY: a low overhead, high throughput network interface

Timothy Callahan, Seth Copen Goldstein

May 1995 ACM SIGARCH Computer Architecture News , Proceedings of the 22nd annual international symposium on Computer architecture , Volume 23 Issue 2

Full text available: pdf(1.80 MB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we present NIFDY, a network interface that uses admission control to reduce congestion and ensures that packets are received by a processor in the order in which they were sent, even if the underlying network delivers the packets out of order. The basic idea behind NIFDY is that each processor is allowed to have at most one outstanding packet to any other processor unless the destination processor has granted the sender the right to send multiple unacknowledged pa ...

56 Static header as sentinel

Massimo Ancona, Walter Cazzola

June 1998 ACM SIGPLAN Notices, Volume 33 Issue 6

Full text available: pdf(327.87 KB)

Additional Information: full citation, abstract, index terms

Writing code to handle dynamic data structures might seem to be an easy task, but write an efficient, readable and maintainable code is not such a simple task. In this short note we investigate some problems in developing code for handling dynamic data structures, and we propose techniques to overcome them. We take into account the interesting method proposed by Qiu in SIGPLAN Notices [3]. Many authors have addressed the problem of handling dynamic data structures by suggesting several clever tric ...

Keywords: programming methodologies

57 Structuring internet media streams with cueing protocols

Jack Brassil, Henning Schulzrinne

August 2002 IEEE/ACM Transactions on Networking (TON), Volume 10 Issue 4

Full text available: pdf(282.39 KB)

Additional Information: full citation, abstract, references, citings, index terms

We propose a new, media-independent protocol for including program timing, structure, and identity information in Internet media streams. The protocol uses signaling messages called *cues* to indicate events whose timing is significant to receivers, such as the start or stop time of a media program. We describe the implementation and operation of a prototype Internet radio station which transmits program cues in audio broadcasts using the Real-Time Transport Protocol (RTP). A collection of ...

Keywords: content delivery networks, multimedia signaling, real-time transport protocol (RTP)

58 Whatever happened to the next-generation Internet?

Mark Weiser

September 2001 Communications of the ACM, Volume 44 Issue 9

Full text available: pdf(162.67 KB) html(36.39 KB)

Additional Information: full citation, references, index terms

59 A proposal for an open DSS protocol

Dawn G. Gregg, Michael Goul

November 1999 Communications of the ACM, Volume 42 Issue 11

Full text available: pdf(194.83 KB) html(29.44 KB)

Additional Information: full citation, references, citings, index terms

60 A novel scatternet scheme with IPv6 compatibility

Wei Kuang Lai, Der Hwa Tan

December 2003 Mobile Networks and Applications, Volume 8 Issue 6

Full text available: pdf(488.86 KB)

Additional Information: full citation, abstract, references, index terms

Some market analysts predict that there will be some 1.4 billion Bluetooth devices in operation by the year 2005 [8]. However, the current specification 1.1 does not describe the algorithms or mechanisms to create a scatternet due to a variety of unsolved issues [3,12]. Since the upper layers are not defined in Bluetooth, it is not possible to implement the scatternet in current specification. Hence in this research, we need make some modifications to Bluetooth protocol in order to support the $t \dots$

Keywords: Bluetooth, IP, multicast, piconet, scatternet

Results 41 - 60 of 200

Result page: previous 1 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright @ 2005 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us